



**REGULAR MEETING OF THE BOARD OF DIRECTORS
PICO WATER DISTRICT**

4843 S. Church Street
Pico Rivera, California, 90660

6:00 PM Wednesday, December 16, 2020

AGENDA

Pursuant to the provisions of Executive Order N-25-20 Issued by Governor Gavin Newsom on March 12, 2020, any Board member and any member of the public who desires to participate in the open session items of this meeting may do so by accessing the Zoom link below to join by webcam or teleconference without otherwise complying with the Brown Act's teleconference requirements.

Any member of the public wishing to make any comments to the Board may do so through that Zoom link. The meeting Chair will acknowledge such individual(s) at the appropriate time in the meeting prior to making his or her comment. All members of the public will be disconnected from the Zoom link immediately before the Board of Directors adjourns into Closed Session.

JOIN THE LIVE ZOOM MEETING:

<https://us02web.zoom.us/j/87906688334?pwd=N2dvekRLK2p4ZzFCMTkzQm1EL0RxZz09>

Meeting ID: 879 0668 8334

Passcode: 244481

Or listen in by dialing (669) 900-9128 and entering the meeting ID and passcode above

- 1. DETERMINATION OF A QUORUM/ROLL CALL.**
- 2. PLEDGE OF ALLEGIANCE.**
- 3. INVOCATION.**

4. OPEN PUBLIC HEARING REGARDING PROPOSED ADJUSTMENTS TO PICO WATER DISTRICT RATES AND CHARGES AND POSSIBLE ADOPTION OF ORDINANCE NO. 64 INCREASING WATER RATES AND METER CHARGES FOR WATER SERVICE BY 6% EACH YEAR FOR FIVE YEARS TO TAKE EFFECT ON FEBRUARY 14, 2021.

- A. Review the Rules of the Public Hearing Process by Mr. Jim Ciampa, District legal counsel.
- B. Presentation by Mr. Erik Helgeson, Bartle Wells Associates rate consultant and District General Manager reviewing the need to increase rates.
- C. Open up to public comment regarding proposed water rate increase.
- D. Close public comment period.
- E. Review of the number of written protests received by the District to the proposed rate increase.
- F. Board member questions and comments.
- G. Close public hearing.
- H. Determination of whether majority protest exists.

5. ACTION ITEMS.

- A. Consideration to Receive, Approve and File the 2020 Water Rate Study Final Report by Bartle Wells Associates. *Recommended action – that the Board receive, approve and file the 2020 Water Rate Study Final Report.*
- B. Consideration to adopt Ordinance No. 64 an Ordinance increasing water rates and meter charges for water service by 6% each year for five years beginning on February 14, 2021 and thereafter to take effect on February 14, 2022, February 14, 2023, February 14, 2024 and February 14, 2025. *Recommended action – that the Board approve Ordinance 62 increasing water rates and meter charges by 6% each year for five years.*

6. OPEN REGULAR SCHEDULED BOARD MEETING

7. TIME RESERVED FOR PUBLIC COMMENTS.

Members of the public shall be allowed three minutes to address the Board on any matter on the agenda and/or within the jurisdiction of the District, which is not on the Agenda. All comments should be addressed to the presiding officer of the meeting. Additional public comments shall be allowed when a listed agenda item is being considered, but

*such comments made at that time must be confined to the subject that is being discussed at the time such comments are made. Members of the public are asked to state their name for the record. Due to all Board Meetings being run as Zoom Meetings all participants will be placed on mute at the start of the meeting and when the meeting is open for public comment the participant will be asked to raise their hand through the button on the video conference screen if participating by video conference or by pressing *9 on their phone if participating by teleconference.*

8. ADOPTION OF AGENDA.

9. APPROVAL OF CONSENT CALENDAR.

(All matters on the Consent Calendar are to be approved on one motion, unless a Board Member requests a separate action on a specific item).

- A. Consider December 2, 2020 Regular Board Meeting Minutes.

10. ACTION ITEMS.

- A. Consider Selection of New Board Officers – President, Vice President, Board Secretary and Board Treasurer. *Recommended Action – To Be Considered at the Board Meeting*
- B. Consider Cancelling the Regular Scheduled Board Meeting on January 6, 2021 and Rescheduling to the Following Week. *Recommended Action – that the Board approve moving the regularly scheduled meeting from January 6, 2020 to January 13, 2021.*

11. REPORTS.

- A. General Manager.
- B. Legal Counsel

12. INFORMATIONAL ITEMS.

- A. Production & Water Level Report.
- B. Monthly Activity Report.
- C. Reservoir Conditions – November 13, 2020 and December 11, 2020.

13. **DIRECTOR'S REQUEST OF FUTURE AGENDA ITEMS.**
14. **BOARD MEMBER REPORTS & COMMENTS.**
15. **ADJOURNMENT.**

AGENDA POSTED ON: December 10, 2020

Next regularly scheduled meeting: To be Discussed

NOTE: To comply with the Americans with Disabilities Act, if you need special assistance to participate in any Board meeting, please contact the District office at (562) 692-3756 at least 48 hours prior to a Board meeting to inform the District of your needs and to determine if accommodation is feasible.

Materials related to an item on this agenda submitted after distribution of the agenda packet is available for public review at the District office, located at 4843 S. Church Street, Pico Rivera, California.

PUBLIC HEARING

**REGULAR MEETING OF THE BOARD OF DIRECTORS
PICO WATER DISTRICT**

4843 S. Church Street
Pico Rivera, California, 90660

6:00 P.M. Wednesday, December 16, 2020

AGENDA

- 4. OPEN PUBLIC HEARING REGARDING PROPOSED ADJUSTMENTS TO PICO WATER DISTRICT RATES AND CHARGES AND POSSIBLE ADOPTION OF ORDINANCE NO. 64 INCREASING WATER RATES AND METER CHARGES FOR WATER SERVICE BY 6% EACH YEAR FOR FIVE YEARS TO TAKE EFFECT ON FEBRUARY 14, 2021.**
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 - G. Close public hearing.
 - H. Determination of whether majority protest exists.

ACTION ITEMS

**REGULAR MEETING OF THE BOARD OF DIRECTORS
PICO WATER DISTRICT**

4843 S. Church Street
Pico Rivera, California, 90660

6:00 P.M. Wednesday, December 16, 2020

AGENDA

5. ACTION ITEMS.

- A. Consideration to Receive, Approve and File the 2020 Water Rate Study Final Report by Bartle Wells Associates. *Recommended action – that the Board receive, approve and file the 2020 Water Rate Study Final Report.*

STAFF REPORT

To: Honorable Board of Directors

From: Mark Grajeda, General Manager

Meeting Date: December 16, 2020

Subject: Action Item 5A – Consideration to Receive, Approve and File the 2020 Water Rate Study Final Report by Bartle Wells Associates

RECOMMENDATION

That the Board receive, approve and file the 2020 Water Rate Study Final Report submitted by Bartle Wells Associates.

FISCAL IMPACT

No fiscal impact to the District.

BACKGROUND

In an effort to keep the District's water rates in line with all expenses impacting the District such as – new state and federal regulations, new legislative impact fees, new development requiring larger mainlines, mandatory watering restrictions, new water testing requirements, and new municipal impact fees, the Board approved Bartle Wells Associates (BWA) proposal on July 17, 2020 to provide the District with a long-term financial plan (looks out over a 10-year period) which should serve as a financial roadmap for funding the District's operating and capital improvement programs while also maintaining long-term financial health. As part of BWA's proposals they also proposed alternatives for capital improvement projects and recommended the lowest cost and most appropriate approaches, and they worked on evaluating water rate alternatives and recommended new rates that meet the District's annual revenue requirements while still being fair and equitable to our customers.

BWA developed two water rate scenarios for the Board to consider which would have raised rates by 7% and more before coming up with a third water rate scenario that would raise rates by 6% each year for five years and still provide the District with the financial stability it was looking for to meet its financial obligations.

Attached:
Bartle Wells Associates 2020 Water Rate Study Final Report



Pico Water District

Water Rate Study Report

November 11, 2020



BARTLE WELLS ASSOCIATES
INDEPENDENT PUBLIC FINANCE ADVISORS



BARTLE WELLS ASSOCIATES
INDEPENDENT PUBLIC FINANCE ADVISORS

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Berkeley, CA 94705
Tel 510 653 3399
www.bartlewells.com

November 11, 2020

Pico Water District
4843 Church Street
Pico Rivera, CA 90660

Attention: Mark J. Grajeda, General Manager

Re: Water Rate Study

Bartle Wells Associates (BWA) is pleased to submit to Pico Water District (District) the attached Water Rate Study Report. The results of the study are a product of a collaborative process that included multiple Board meetings and closely working with District staff. Findings were presented at the Board meetings on October 5, 2020 and October 26, 2020. On October 26th the Board authorized the mailing of 218 notices and scheduled a public hearing for December 16, 2020 at 6:00 p.m.

This study presents BWA's analysis of the operating and non-operating expenses of the District's water fund and provides five-year cash flow projections and rates. The primary purpose of this study was to analyze the District's water operations and make recommendations that would achieve financial sustainability. Another important purpose of this study was to review rates to ensure that they adhere to the State's legal requirements.

The enclosed report recommends updating rates and charges to more accurately recover the costs of providing service to the District's water customers. Recommendations were developed with substantial input from District staff. BWA finds that the rates and charges proposed in our report are based on the cost of service for each customer, follow generally accepted rate design criteria, and adhere to the substantive requirements of Proposition 218. BWA believes that the proposed rates are fair and reasonable to the District's customers.

We have enjoyed working with the District on this rate study. Please contact us with any future questions about this study and the recommended water rates.

Yours truly,

Doug Dove, CIPFA
Principal

Erik Helgeson
Assistant Vice President

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APPENDIX A – Rate Study Tables

1 EXECUTIVE SUMMARY

1.1 Background

Pico Water District (District) provides water distribution and maintenance service to 5,600 customers in Pico Rivera, CA. The District provides water service to its customers through the use of a 1.25 million gallon reservoir and five wells ranging in water production from 600 gallons per minute to 2,800 gallons per minute. The District pumps all of its water from the underground aquifer known as the Central Basin, which is an adjudicated water basin.

The District has contracted Bartle Wells Associates (BWA) to conduct a water rate study which examines current and projected costs and the existing water rate structure as it pertains to California legislation. Basic objectives of the rate study include:

- Identify rate setting principles.
- Develop long-term financial projections in order to estimate future annual revenue requirements.
- Provide a cost of service basis for the utility rates in compliance with Prop. 218.
- Evaluate rate alternatives and recommend rates designed to equitably recover the costs of providing service.

Based on input from District staff, key guiding principles of the study were to develop rates that:

- Are fair and equitable to all customer classes.
- Recover the costs of providing service and generate adequate funding for capital needs.
- Are easy to understand and implement.
- Comply with the legal requirements of Proposition 218 and other California laws.
- Reduce the impact of rate increases to customers by implementing consistent, predictable increases as small as prudence will allow.

1.2 Proposition 218

Utility rates are subject to the procedural and substantive requirements as set forth in Proposition 218. Proposition 218 was adopted by California voters in 1996 and added Articles 13C and 13D to the California Constitution. Article 13D, Section 6 governs property-related charges, which the California Supreme Court subsequently ruled includes ongoing utility service charges such as water, sewer, and refuse rates. Article 13D, Section 6 establishes a) procedural requirements for imposing or increasing property-related charges, and b) substantive requirements for those charges. Article 13D also requires voter approval for new or increased property-related charges but exempts from this voting requirement rates for water, sewer, and refuse collection services. The substantive requirements of Article 13D, Section 6 require the District's utility rates to meet the following conditions:

- Revenues derived from the fee or charge shall not exceed the funds required to provide the property related service.
- Revenues derived from the fee or charge shall not be used for any purpose other than that for which the fee or charge was imposed.
- The amount of a fee or charge imposed upon any parcel or person as an incident of property ownership shall not exceed the proportional cost of the service attributable to the parcel.
- No fee or charge may be imposed for a service unless that service is actually used by, or immediately available to, the owner of the property in question.
- No fee or charge may be imposed for general governmental services, such as police or fire services, where the service is available to the public at large in substantially the same manner as it is to property owners.

The procedural requirements of Proposition 218 for all utility rate increases are as follows:

- **Noticing Requirement:** The District must mail a notice of proposed rate increases to all affected property owners. The notice must specify the basis of the fee, the reason for the fee, and the date/time/location of a public rate hearing at which the proposed rates will be considered/adopted.
- **Public Hearing:** The District must hold a public hearing prior to adopting the proposed rate increases. The public hearing must be held not less than 45 days after the required notices are mailed.
- **Rate Increases Subject to Majority Protest:** At the public hearing, the proposed rate increases are subject to majority protest. If more than 50% of affected property owners submit written protests against the proposed rate increases, the increases cannot be adopted.

1.3 Use of Generally Accepted Rate-Making Principles

The rates developed in this study use a straightforward methodology to establish an equitable system of fixed and variable charges that recover the cost of providing service and fairly apportion costs to each rate component. The rates were developed using generally accepted cost-based principles and methodologies for establishing water rates, charges, and fees contained and discussed in the American Water Works Association (AWWA) M1 Manual.

In developing water rates, it is important to know that there is no “one-size-fits-all” approach for establishing cost-based water rates. “The (M1 Manual) is aimed at outlining the basic elements involved in water rates and suggesting alternative rules of procedure for formulating rates, thus permitting the exercise of judgment and preference to meet local conditions and requirements.”

In reviewing the District's water rates and finances, BWA used the following criteria in developing our recommendations:

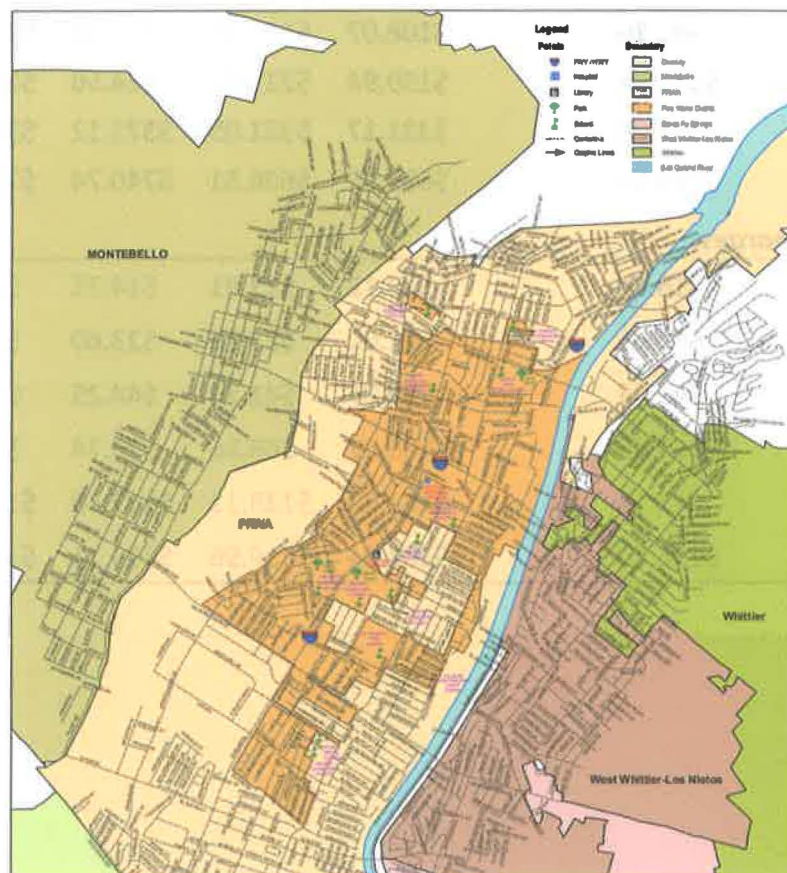
- 1) *Revenue Sufficiency*: Rates should recover the annual cost of service and provide revenue stability.
- 2) *Rate Impact*: While rates are calculated to generate sufficient revenue to cover operating and capital costs, they should be designed to minimize, as much as possible, the impacts on ratepayers.
- 3) *Equitable*: Rates should be fairly allocated among all customer classes based on their estimated demand characteristics. Each user class only pays its proportionate share.
- 4) *Practical*: Rates should be simple in form and, therefore, adaptable to changing conditions, easy to administer and easy to understand.

1.4 Water System Overview

1.4.1 Water Customers

The District owns and operates a water system which pumps, treats and distributes potable water providing service to 5,600 customers in Pico Rivera, CA. Figure 1 shows a map of the District's service area.

Figure 1: Pico Water District Map



1.4.2 Existing and Proposed Water Rates

Existing and proposed monthly water rates are shown below.

Table 1: Existing and Proposed Water Rates

Volumetric Rates	2020	2021	2022	2023	2024	2025
	<i>Existing</i>	<i>Proposed</i>	<i>Proposed</i>	<i>Proposed</i>	<i>Proposed</i>	<i>Proposed</i>
Existing Structure	Proposed					
Tier 1 (0-8 CCF)	\$1.30 (All CCF)	\$1.88	\$2.00	\$2.12	\$2.25	\$2.39
Tier 2 (8-12 CCF)	\$1.60					
Tier 3 (12+ CCF)	\$2.15					

Monthly Fixed Rates (All Customers)		2021	2022	2023	2024	2025
Meter Size	<i>Existing</i>	<i>Proposed</i>	<i>Proposed</i>	<i>Proposed</i>	<i>Proposed</i>	<i>Proposed</i>
Fixed Water Service Charges						
Single Family Residential		\$16.21	\$17.19	\$18.23	\$19.33	\$20.49
5/8"	\$15.29	\$16.21	\$17.19	\$18.23	\$19.33	\$20.49
1"	\$21.05	\$35.90	\$38.06	\$40.35	\$42.78	\$45.35
1 1/2"	\$38.22	\$68.70	\$72.83	\$77.20	\$81.84	\$86.76
2"	\$61.16	\$108.07	\$114.56	\$121.44	\$128.73	\$136.46
3"	\$152.91	\$199.94	\$211.94	\$224.66	\$238.14	\$252.43
4"	\$382.26	\$331.17	\$351.05	\$372.12	\$394.45	\$418.12
6"	\$764.53	\$659.25	\$698.81	\$740.74	\$785.19	\$832.31
Fixed Private Fire Charges						
1 1/2"	\$16.41	\$13.12	\$13.91	\$14.75	\$15.64	\$16.58
2"	\$16.41	\$21.00	\$22.26	\$23.60	\$25.02	\$26.53
4"	\$45.54	\$39.37	\$41.74	\$44.25	\$46.91	\$49.73
6"	\$68.86	\$65.62	\$69.56	\$73.74	\$78.17	\$82.87
8"	\$84.12	\$131.23	\$139.11	\$147.46	\$156.31	\$165.69
10"	\$106.70	\$301.84	\$319.96	\$339.16	\$359.51	\$381.09

2 WATER FINANCES & RATES

2.1 Water Financial Overview

Bartle Wells Associates conducted an independent evaluation of the District's water enterprise finances. Key observations include:

- The District has nearly \$15.4 million in capital improvement projects (CIP) planned for the next ten years.
- BWA developed rates based on a cost-of-service analysis and generally accepted rate making principals.
- Water expenses were projected using historical averages based on audits and budgets, as well as up to date information provided by the District.
- Annual revenue requirements were determined by taking into account projected expenses as well as prudent reserve fund targets.

2.2 Current Water Accounts

The following table shows current number of water accounts and associated equivalent demand units by meter size. Equivalent demand units are based on the safe maximum flow of a 5/8" meter. The safe maximum meter flows are based on American Water Works Association (AWWA) operating capacity standards.

Table 2: Water Customers and Equivalent Demand Units

All Potable Customers Meter Size	Customers	Capacity Factor**	Equivalent Demand Units
Single Family	4,758.0	1.0	4,758.0
5/8"	329	1.0	329.0
1"	191	2.5	477.5
1 1/2"	97	5.0	485.0
2"	155	8.0	1,240.0
3"	28	15.0	420.0
4"	18	25.0	450.0
6"	2	50.0	100.0
10"	0	115.0	0.0
Total	5,578.0		8,259.5

* Customer data as of June 2019 provided by District staff

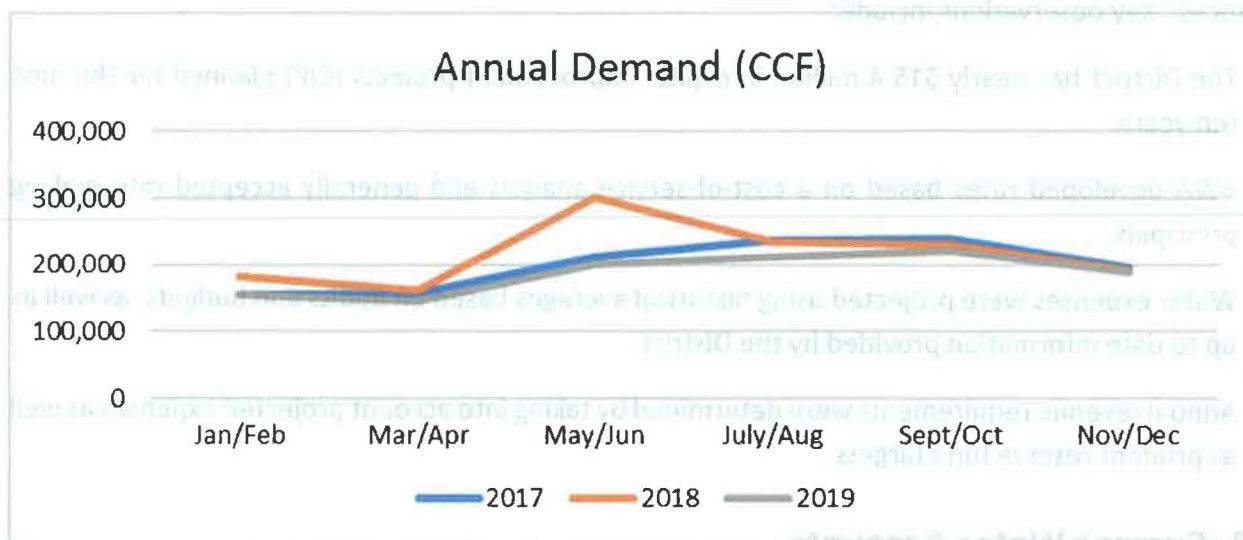
** Capacity factors based on AWWA operating capacity standards by meter size

*** Single Family Meters reflect that a 5/8" meter is sufficient to serve single family usage but new meters are sized to 1" for fire flow

2.3 Water Consumption

Figure 2 shows total annual water consumption. BWA's analysis shows that water consumption is consistent and the summer peak is small.

Figure 2: Total Water Consumption



2.4 Financial Challenges / Key Drivers of Rate Increases

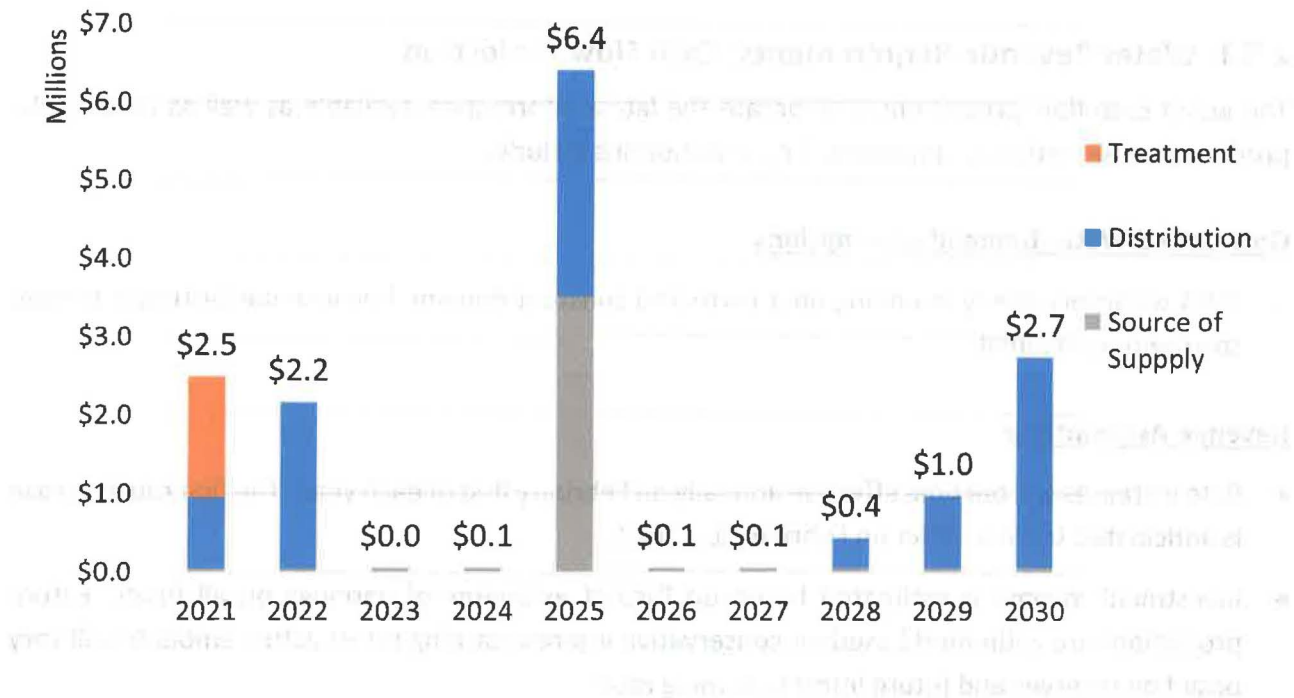
Going forward, the District's water enterprise is facing a number of financial challenges that will require the District to raise its water rates. Key drivers of future rate increases are summarized in the following subsections.

2.4.1 Capital Improvements / Aging Infrastructure

The District faces substantial capital improvement needs over the next ten years. The District's 10-year capital improvement program (CIP) includes \$15.4 million of capital. Projects are listed in detail in Appendix A.

The following figure shows a breakdown of projected 10-year water system CIP.

Figure 3: Summary Capital Improvement Program Projects



2.4.2 Debt Service Coverage

Bartle Wells recommends maintaining a least a 1.25x debt coverage ratio. This will help the District maintain a strong financial position and be better positioned to obtain additional financing. Recommended rate increases anticipate the debt service from the capital projects and ensure the District will maintain a prudent debt coverage ratio.

2.4.3 Ongoing Operating Cost Inflation

The District faces ongoing operating cost inflation due to annual increases in a range of expenses including utilities, chemicals, insurance, supplies, as well as the cost of salaries, benefits, etc. Water operating cost inflation has historically been significantly higher than the Consumer Price Index (CPI) for consumer goods and services. District staff estimated the annual inflation of each line item in the budget. The total annual cost inflation is projected to be 2.5% in 2012 and 3.0% thereafter.

2.4.4 Water Reserve Funds

Maintaining a prudent level of fund reserves provides a financial cushion for dealing with unanticipated expenses, revenue shortfalls, and emergency capital repairs.

2.5 Water Enterprise Revenue Requirements

2.5.1 Water Revenue Requirements: Cash Flow Projection

The water cash flow projections incorporate the latest information available as well as reasonable, prudently conservative assumptions. Key assumptions include:

Growth and Water Demand Assumptions

- BWA is conservatively assuming no growth and constant demand because the District is mature so growth is minimal.

Revenue Assumptions

- Rate increases will become effective annually on February first of each year. The first rate increase is anticipated to take effect on February 14, 2021.
- Investment income is estimated based on District estimates of earnings on all funds. Future projections are estimated based on conservative interest earning rates; actual amounts will vary based on reserves and future interest earning rates.
- Other revenues are projected to stay constant for the study period.

Expense Assumptions

- Operating & Maintenance Expenses are based on the 2020 budget. District staff and BWA reviewed each expense line item and assigned a reasonable escalation assumption.
- Capital Improvement Program expenditures include \$11.1 million in projects through FY 2025.

Revenue Increases

Based on the above assumptions BWA recommends the following rate revenue increases.

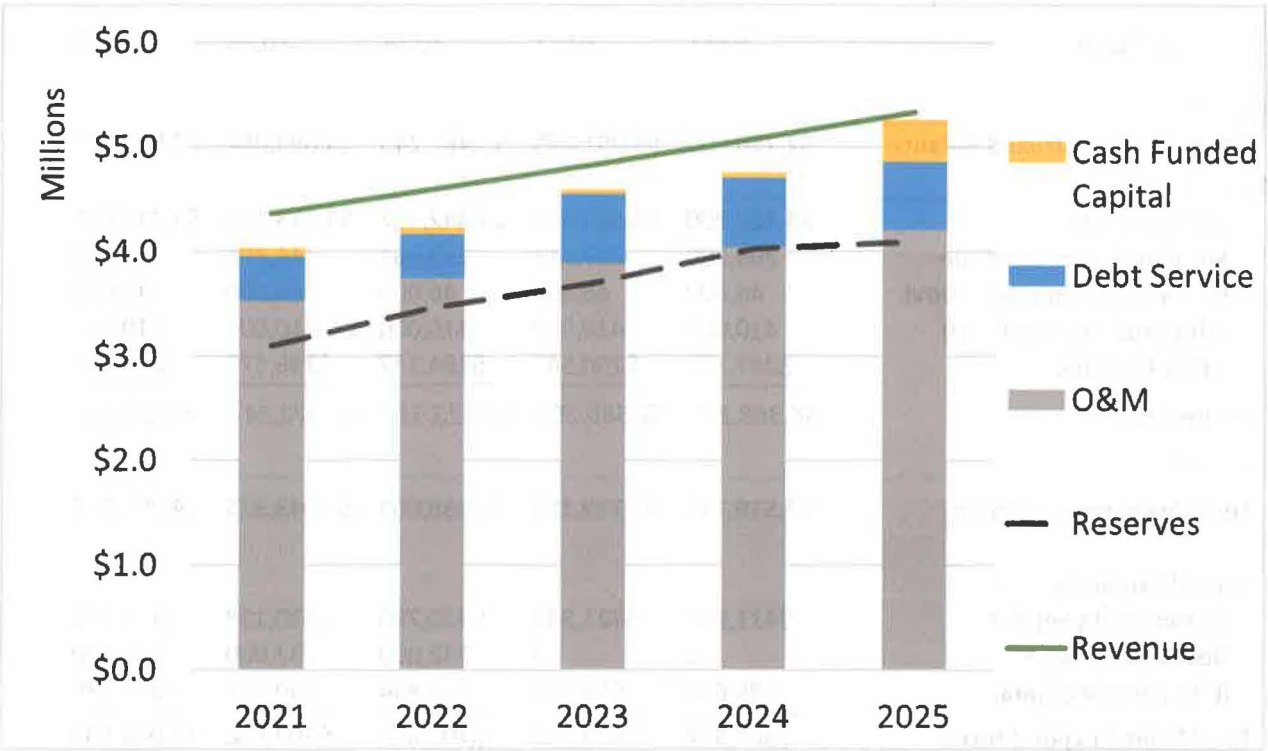
Table 3: Recommended Water Rate Revenue Increases

Revenue Escalation	2021	2022	2023	2024	2025
Rate Revenue Increase %	6.0%	6.0%	6.0%	6.0%	6.0%
Rate Revenue Increase \$	\$205,200	\$217,512	\$230,563	\$244,396	\$259,060

The recommended annual rate increases begin in FY 2021 and are needed to fund annual operating and capital expenses, provide healthy debt service coverage, and maintain prudent reserves.

The following figure depicts the projected revenues, expenses, and reserve levels with implementation of the proposed increases. The cash flow is shown in detail in Appendix A.

Figure 4: Water Utility Projected Revenues & Expenses



The rate revenue requirement line in the following cashflow table is the amount of revenue that needs to be recovered from water rates. This amount is known as the revenue requirement.

Table 4: Water Enterprise Cashflow

Operating Fund	2021	2022	2023	2024	2025
Reserves					
Beginning Unrestricted Balance	\$2,750,000	\$3,091,625	\$3,461,245	\$3,695,054	\$4,019,417
Revenues					
Rate Revenue	\$3,420,000	\$3,625,200	\$3,842,712	\$4,073,275	\$4,317,671
Additional Rate Revenue	205,200	217,512	230,563	244,396	259,060
Water Sales Recycled - Govt	46,000	46,000	46,000	46,000	46,000
Infrastructure Surcharge	410,000	410,000	410,000	410,000	410,000
Other Revenue	\$287,125	\$290,541	\$294,237	\$296,576	\$299,819
Total Revenue	\$4,368,325	\$4,589,253	\$4,823,512	\$5,070,247	\$5,332,551
Expenses					
Total Operating Expenses	\$3,519,173	\$3,739,283	\$3,888,009	\$4,043,325	\$4,205,555
Capital Expenses					
Existing Debt Service	\$421,902	\$421,341	\$420,760	\$420,158	\$419,533
New Debt Service	0	0	232,000	232,000	232,000
Rate Funded Capital	\$85,625	\$59,009	\$48,934	\$50,402	\$396,970
Total Capital Expenditures	\$507,527	\$480,350	\$701,694	\$702,560	\$1,048,503
Total Expenses	\$4,026,700	\$4,219,633	\$4,589,703	\$4,745,885	\$5,254,058
Net Revenues	\$341,625	\$369,620	\$233,809	\$324,362	\$78,493
Ending Unrestricted Balance	\$3,091,625	\$3,461,245	\$3,695,054	\$4,019,417	\$4,097,909

3 COST OF SERVICE

Utilities have used a wide range of approaches or perspectives for allocating and recovering their costs for providing service, and these costs are most commonly recovered from a combination of fixed and variable charges. The percentage of revenues derived from the fixed and variable charges varies for each agency and should be proportional to each system's expenditures and must not exceed the cost of providing service. A higher level of fixed charges provides better revenue stability and less dependence on variable sales. On the other hand, higher dependence on volumetric revenues provides a better conservation incentive.

Depending on the perspective, the same costs can reasonably be allocated 100 percent to fixed revenue recovery, 100 percent to variable rate recovery, or to some combination of the two. For example, debt service used to fund water treatment facilities can legitimately be treated as a) a fixed annual cost that should be recovered from fixed charges, b) a cost related to providing water supply to meet customer demand and therefore a cost that should be recovered from variable rates, or c) a cost that can be recovered from both fixed and variable rates in recognition of the two alternative perspectives.

Many of the District's costs are fixed costs that do not vary by the level of service provided, such as operational and staff costs, as well as costs for building and maintaining infrastructure. However, a portion of these fixed costs can reasonably be apportioned to variable, usage-based rate recovery in recognition that a portion of these fixed costs are related to the level of service provided. For example, a share of the fixed cost of salaries related to water production can reasonably be recovered from usage-based charges as these costs are incurred to provide water supply to meet customer demand. Likewise, debt service payments may be fixed annual costs, but it is reasonable to recover some of these costs from usage-based rates as the costs are incurred to fund infrastructure that will improve the water delivery system.

While there is no single correct approach, BWA believes that costs should be allocated within a reasonable range that reflects both a) underlying cost causation, to the extent such causation can reasonably be determined or estimated, and b) the policy preferences of the agency in cases where a range of reasonable approaches can be justified.

In this study fixed costs are recovered based on meter capacity. Meter capacity ratios provide a basis for charging customers in a manner proportional to the capacity that is reserved for them in the water system. Larger meters have the ability to place a greater demand on the water system and are therefore charged based on that potential demand. Meter ratios are widely used in California rate setting and are consistent with meter ratios adopted by the California Public Utility Commission for

private water companies. The fixed charges for larger meters are determined by multiplying the base charge by the corresponding 1" EDU. This establishes a fixed cost per account.

3.1 Functional Cost Allocation

The revenue requirement from the cash flow needs to be linked to the District's costs and corresponding functions they support.

The following table shows a breakdown of the water utility's expenses and how they are allocated by function. The proportional allocation is then applied to the rate revenue requirement so that the rates are proportional to the cost of service provided. To recover the allocated costs proportionally to the service provided, a unit cost must be derived. Critical to this step is using the unit which relates to the function.

Table 5: Functional Cost Allocation

Functional Allocation	Amount	Customer	Capacity	All Volume	Total
Conservation	\$25,625			100%	100%
Maintenance	\$86,510		40%	60%	100%
Source of Supply	\$118,357			100%	100%
Pumping	\$463,539			100%	100%
Water Treatment	\$108,753			100%	100%
Transmission & Distribution	\$175,480			100%	100%
Customer Accounts	\$218,704	100%			100%
General & Administrative	\$1,306,036		85%	15.0%	100%
Groundwater	\$1,016,170			100.0%	100%
New Debt	\$232,000		100.0%		100%
Capital	\$85,625			100%	100%
Functional Allocation \$		\$218,704	\$1,376,734	\$2,241,359	\$3,836,798
Functional Allocation %		5.70%	35.88%	58.41%	100%
Revenue Requirement		\$206,636	\$1,300,722	\$2,117,479	\$3,625,200

The definition of the functional allocation categories and the units of demand associated with each category are as follows:

Functional Allocation Categories

- **Customer-** Fixed costs are recovered per customer. Fixed costs or costs related to serving customers were allocated to this category.
- **Capacity-** Fixed costs are recovered per unit of capacity (EDU). Fixed costs or costs related to system capacity were allocated to this category.

- **All Volume-** Costs reasonably recovered volumetrically but are the same at all demand levels were allocated to the All Volume category. All Volume costs are recovered per unit of volume (CCF) based on all projected use.

The following table shows the allocation units and total revenue requirement by function. The revenue requirement divided by the demand allocation units in a given category provides each category's unit rate.

Table 6: Allocation Units by Functional Allocation Category

Allocation Units	Customer	Capacity	All Volume
	#	EDU	CCF
Total Allocation Units	5,578	8,260	1,125,000
Revenue Requirement	<u>\$206,636</u>	<u>\$1,300,722</u>	<u>\$2,117,479</u>
Unit Cost	\$37.04	\$157.48	\$1.88

4 WATER RATE DERIVATION

BWA evaluated the District's water rate structure for equity and compliance with the substantive provisions of Proposition 218.

4.1 Fixed Water Service Charges

The fixed meter charge is designed to recover costs from each meter proportional to the customer costs and meter capacity associated demand placed on the water system by each meter size.

4.1.1 Rate Structure Recommendations

The District currently imposes "Monthly Additional Facilities Charges." BWA recommends discontinuing these charges because the fixed charge by meter size is a better reflection of a customer's cost of capacity.

4.1.2 Fixed Service Charge Derivation

Fixed Service Charges are calculated by multiplying unit cost in the Fixed category by the Capacity Factor and adding Customer Charge reflecting customer service costs associated with each connection. Capacity Factors are based on American Water Works Association (AWWA) maximum safe flow ratios by meter size. The determination of EDU's used to derive the unit cost is shown in Appendix A. The following table shows the rate derivation for the fixed charges.

Table 7: Proposed Fixed Monthly Meter Rates

Fixed Charge Calculation	Annual Customer Charge	Capacity Factor	Annual Capacity Charge	Annual Meter Charge	Monthly Meter Charge
Meter Size					
Single Family	\$37.04	1.0	\$157.48	\$194.52	\$16.21
5/8"	\$37.04	1.0	\$157.48	\$194.52	\$16.21
1"	\$37.04	2.5	\$393.70	\$430.74	\$35.90
1 1/2"	\$37.04	5.0	\$787.40	\$824.44	\$68.70
2"	\$37.04	8.0	\$1,259.84	\$1,296.88	\$108.07
3"	\$37.04	15.0	\$2,362.20	\$2,399.24	\$199.94
4"	\$37.04	25.0	\$3,937.00	\$3,974.04	\$331.17
6"	\$37.04	50.0	\$7,874.00	\$7,911.04	\$659.25
10"	\$37.04	115.0	\$18,110.20	\$18,147.24	\$1,512.27

4.2 Fixed Private Fire Charges

Fixed Private Fire Charges recover the cost of the Capacity of an additional connection providing fire standing fire protection directly to the customer.

4.2.1 Fixed Private Fire Charge Derivation

Depending the methodology used, fire protection costs typically make up between 5% - 30% of total water system expenditures. Because private fire lines provide additional standing capacity, BWA believes it is reasonable for the Fixed Private Fire Charges to be 20% of the capacity portion of the Fixed Meter Rates.

Table 8: Proposed Monthly Fixed Private Fire Rates

Fixed Private Fire Charge Calculation	Annual Capacity Charge	Annual Meter Charge	Monthly Meter Charge
Meter Size			
1 1/2"	\$157.48	\$157.48	\$13.12
2"	\$251.97	\$251.97	\$21.00
4"	\$472.44	\$472.44	\$39.37
6"	\$787.40	\$787.40	\$65.62
8"	\$1,574.80	\$1,574.80	\$131.23
10"	\$3,622.04	\$3,622.04	\$301.84

4.3 Volumetric Charge

Volumetric Charges recover water system costs based on the amount of water consumed.

4.3.1 Rate Structure Recommendations

The District currently has an inclining block rate structure consisting of three tiers. BWA is recommending that the District transition to a single tier, uniform rate structure for the following reasons:

- To better reflect the proportional cost of each unit sold and improve compliance with Proposition 218,
- To improve the District's revenue stability by reducing revenue reliance on volatile demand,
- To reduce the administrative burden of the District.

4.3.2 Volumetric Charge Derivation

Costs allocated to the All Volume category are recovered from every unit (CCF) sold. Table 9 shows the derivation of the volumetric rates.

Table 9: Volumetric Water Rates Derivation

Uniform Rate	Tier Demand	Demand (CCF)	Revenue Requirement	Unit Rate
Tier 1	100.0%	1,125,000	2,117,479	\$1.88

4.4 Proposed Water Rates

The following table shows the proposed monthly water rates. Under Proposition 218, the rates shown below are the maximum rates that the District can enact each year. The District may adopt rates that are lower than those shown based upon an annual review of the water utility's finances to ensure that revenues are in line with expenses.

Table 10: Proposed Water Rates

Volumetric Rates		2020	2021	2022	2023	2024	2025
<i>Existing</i>		<i>Proposed</i>	<i>Proposed</i>	<i>Proposed</i>	<i>Proposed</i>	<i>Proposed</i>	
Existing Structure	Proposed						
Tier 1 (0-8 CCF)	\$1.30 (All CCF)	\$1.88	\$2.00	\$2.12	\$2.25	\$2.39	
Tier 2 (8-12 CCF)	\$1.60						
Tier 3 (12+ CCF)	\$2.15						
Monthly Fixed Rates (All Customers)		2021	2022	2023	2024	2025	
Meter Size	Existing	Proposed	Proposed	Proposed	Proposed	Proposed	
Fixed Water Service Charges							
Single Family Residential		\$16.21	\$17.19	\$18.23	\$19.33	\$20.49	
5/8"	\$15.29	\$16.21	\$17.19	\$18.23	\$19.33	\$20.49	
1"	\$21.05	\$35.90	\$38.06	\$40.35	\$42.78	\$45.35	
1 1/2"	\$38.22	\$68.70	\$72.83	\$77.20	\$81.84	\$86.76	
2"	\$61.16	\$108.07	\$114.56	\$121.44	\$128.73	\$136.46	
3"	\$152.91	\$199.94	\$211.94	\$224.66	\$238.14	\$252.43	
4"	\$382.26	\$331.17	\$351.05	\$372.12	\$394.45	\$418.12	
6"	\$764.53	\$659.25	\$698.81	\$740.74	\$785.19	\$832.31	
Fixed Private Fire Charges							
1 1/2"	\$16.41	\$13.12	\$13.91	\$14.75	\$15.64	\$16.58	
2"	\$16.41	\$21.00	\$22.26	\$23.60	\$25.02	\$26.53	
4"	\$45.54	\$39.37	\$41.74	\$44.25	\$46.91	\$49.73	
6"	\$68.86	\$65.62	\$69.56	\$73.74	\$78.17	\$82.87	
8"	\$84.12	\$131.23	\$139.11	\$147.46	\$156.31	\$165.69	
10"	\$106.70	\$301.84	\$319.96	\$339.16	\$359.51	\$381.09	

4.5 Water Rate Pass-Through Provisions

California Government Code Section 53756 (established via AB-3030) became effective on January 1, 2009. As subsequently amended, this section of the Code authorizes public agencies providing water, sewer, and garbage services to adopt automatic pass-through rate adjustments to account for a) cost inflation, and b) increases in wholesale water charges or wastewater treatment charges.

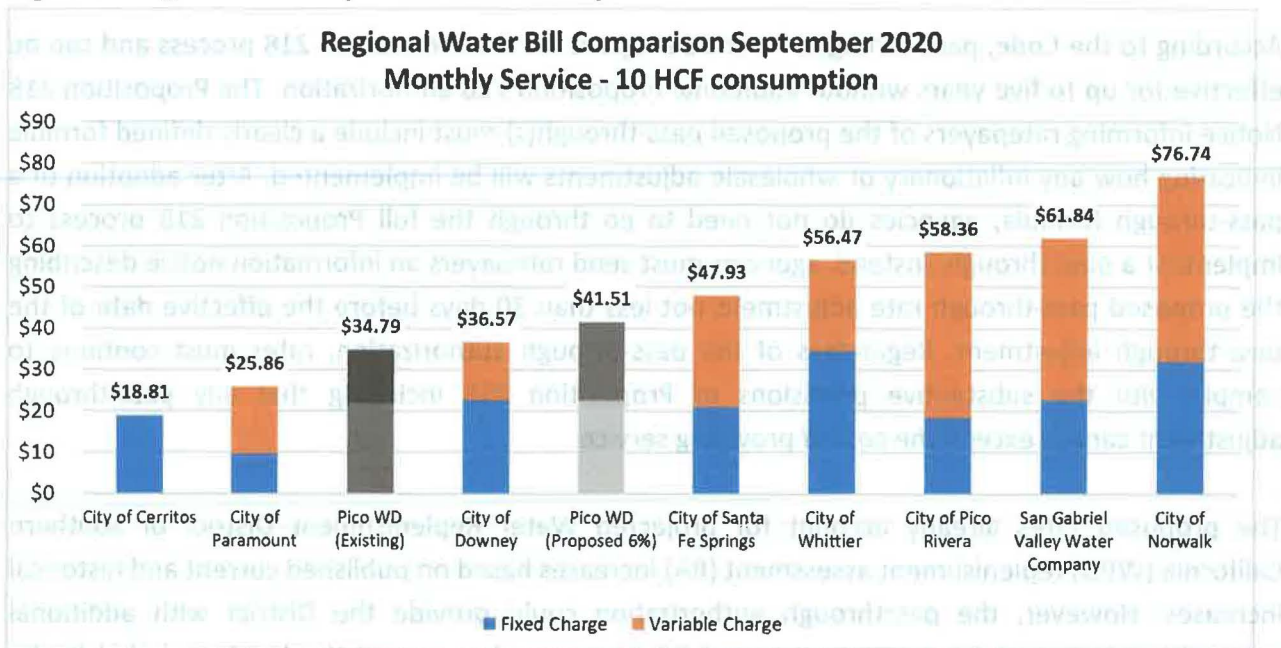
According to the Code, pass-throughs must be adopted via the Proposition 218 process and can be effective for up to five years without additional Proposition 218 authorization. The Proposition 218 Notice informing ratepayers of the proposed pass-through(s) must include a clearly defined formula indicating how any inflationary or wholesale adjustments will be implemented. After adoption of a pass-through formula, agencies do not need to go through the full Proposition 218 process to implement a pass-through. Instead, agencies must send ratepayers an information notice describing the proposed pass-through rate adjustment not less than 30 days before the effective date of the pass-through adjustment. Regardless of the pass-through authorization, rates must continue to comply with the substantive provisions of Proposition 218 including that any pass-through adjustment cannot exceed the cost of providing service.

The proposed rates already account for projected Water Replenishment District of Southern California (WRD) replenishment assessment (RA) increases based on published current and historical increases. However, the passthrough authorization could provide the District with additional protection to account for any unanticipated RA increases that exceed the levels included in the financial projections. The proposed water rates assume that WRD will charge the following average replenishment assessments: \$0.88 per hundred cubic feet (CCF) through June 30, 2021, \$0.93 per CCF through June 30, 2022, \$0.99 per CCF through June 30, 2023, \$1.04 per CCF through June 30, 2024, \$1.11 per CCF through June 30, 2025, and \$1.17 per CCF through June 30, 2026. Future pass-throughs can be implemented by increasing the District's proposed Volumetric Rates by the exact amount of the RA increase in cents per CCF in excess of the projected RA. For example, if WRD increases its rate to \$0.95 per CCF on July 1, 2021, the District's Water Volumetric Rate could be increased by up to \$0.02 per CCF, equal to the difference between \$0.95 and the projected rate of \$0.93 shown above.

4.6 Regional Water Rate Survey

Figure 5 compares the District's current and proposed monthly rates to those of other regional agencies for a single-family home using 10 CCF of water, the District's average, monthly single-family consumption. Figure 5 is shown for comparative purposes only.

Figure 5: Regional Monthly Water Rate Survey



5 CONCLUSIONS AND RECOMMENDATIONS

This water rate study report presents a comprehensive review of the Pico Water District's revenue requirements, cost allocations, and rate structures. Rates were developed as part of a collaborative process that included multiple Board meetings and closely working with District staff. The District will need regular annual rate increases to keep up with operations cost inflation and the Capital Improvement Plan while maintaining prudent reserves. Current rates are complex and will need to be updated to reflect the cost of service. These factors were considered in the rate study to fairly develop rates for customers.

5.1 Conclusions

The District practices sound financial planning that has provided for the financial health of the water enterprise. Historically, the District has increased rate revenue 5% on a yearly basis between 2014 and 2018 to keep up with inflationary cost increases and undertake capital projects. This allows the District to avoid rate spikes when new costs are incurred. The District will need to continue similar rate increases to keep up with rising operations cost and the current Capital Improvement Plan while maintaining prudent reserves. Adoption of the rate recommended in this study reflect the District's commitment to stewarding financially sound utilities and providing reliable, high quality water service that will benefit the community many years into the future.

5.2 Recommendations

BWA recommends the following:

- The District adopt the rates shown in this report.
- At minimum, BWA recommends that the District review and update its cost allocation every five years and/or concurrent with CIP Updates. The next CIP update and rate study should be performed in time for rates to be effective at the beginning of 2026.



Pico Water District Water Rate Study 2020

11/11/2020



BARTLE WELLS ASSOCIATES
Independent Public Finance Advisors

Table A
Pico Water District
Recommended Water Rates

Volumetric Rates		2020	2021	2022	2023	2024	2025
	<i>Existing</i>	<i>Proposed</i>	<i>Proposed</i>	<i>Proposed</i>	<i>Proposed</i>	<i>Proposed</i>	
Existing Structure		Proposed					
Tier 1 (0-8 CCF)	\$1.30	(All CCF)	\$1.88	\$2.00	\$2.12	\$2.25	\$2.39
Tier 2 (8-12 CCF)	\$1.60						
Tier 3 (12+ CCF)	\$2.15						
Monthly Fixed Rates (All Customers)		2021	2022	2023	2024	2025	
<i>Meter Size</i>	<i>Existing</i>	<i>Proposed</i>	<i>Proposed</i>	<i>Proposed</i>	<i>Proposed</i>	<i>Proposed</i>	
Fixed Water Service Charges							
Single Family Residential		\$16.21	\$17.19	\$18.23	\$19.33	\$20.49	
5/8"	\$15.29	\$16.21	\$17.19	\$18.23	\$19.33	\$20.49	
1"	\$21.05	\$35.90	\$38.06	\$40.35	\$42.78	\$45.35	
1 1/2"	\$38.22	\$68.70	\$72.83	\$77.20	\$81.84	\$86.76	
2"	\$61.16	\$108.07	\$114.56	\$121.44	\$128.73	\$136.46	
3"	\$152.91	\$199.94	\$211.94	\$224.66	\$238.14	\$252.43	
4"	\$382.26	\$331.17	\$351.05	\$372.12	\$394.45	\$418.12	
6"	\$764.53	\$659.25	\$698.81	\$740.74	\$785.19	\$832.31	
Fixed Private Fire Charges							
1 1/2"	\$16.41	\$13.12	\$13.91	\$14.75	\$15.64	\$16.58	
2"	\$16.41	\$21.00	\$22.26	\$23.60	\$25.02	\$26.53	
4"	\$45.54	\$39.37	\$41.74	\$44.25	\$46.91	\$49.73	
6"	\$68.86	\$65.62	\$69.56	\$73.74	\$78.17	\$82.87	
8"	\$84.12	\$131.23	\$139.11	\$147.46	\$156.31	\$165.69	
10"	\$106.70	\$301.84	\$319.96	\$339.16	\$359.51	\$381.09	

Table 1
Pico Water District
Customer Data*

All Potable Customers			
Meter Size	Customers	Capacity Factor**	Equivalent Demand Units
Single Family	4,758.0	1.0	4,758.0
5/8"	329	1.0	329.0
1"	191	2.5	477.5
1 1/2"	97	5.0	485.0
2"	155	8.0	1,240.0
3"	28	15.0	420.0
4"	18	25.0	450.0
6"	2	50.0	100.0
10"	0	115.0	0.0
Total	5,578.0		8,259.5

* Customer data as of June 2019 provided by District staff

** Capacity factors based on AWWA operating capacity standards by meter size

*** Single Family Meters reflect that a 5/8" meter is sufficient to serve single family usage but new meters are sized to 1" for fire flow

Private Fire Customers	
Meter Size	Customers
1 1/2"	1.0
2"	2
4"	26
6"	21
8"	20
10"	4
Total	74.0

Table 2
Pico Water District
Growth Calculations

Metered Water Demand	2017	2018	2019	2020	2021	2022	2023	2024	2025
	<i>Actual</i>	<i>Actual</i>	<i>Actual</i>	<i>Budget</i>	<i>Projected</i>	<i>Projected</i>	<i>Projected</i>	<i>Projected</i>	<i>Projected</i>
Demand (CCF)	1,196,837	1,300,733	1,123,969	1,124,000	1,125,000	1,125,000	1,125,000	1,125,000	1,125,000
Demand (AF)		2,986	2,580	2,580	2,583	2,583	2,583	2,583	2,583
Customers	<u>5,578</u>	<u>5,578</u>	<u>5,578</u>	<u>5,578</u>	<u>5,578</u>	<u>5,578</u>	<u>5,578</u>	<u>5,578</u>	<u>5,578</u>
Additional Customers ¹									
Total Customers	5,578	5,578	5,578	5,578	5,578	5,578	5,578	5,578	5,578
Consumption per Customer	215	233	202	202	202	202	202	202	202

WRD Ground Water Cost

WRD Rate \$/AF				\$373.50	\$393.46	\$417.07	\$442.09	\$468.62	\$496.73
WRD Rate \$/CCF				\$0.86	\$0.90	\$0.96	\$1.01	\$1.08	\$1.14
Cost Escalation						6.0%	6.0%	6.0%	6.0%
Total Cost				\$963,763	\$1,016,170	\$1,077,140	\$1,141,768	\$1,210,274	\$1,282,891

¹No growth assumed in order to be conservative because of the recession

²WRD rates are implemented on July 1 of every year. The rate shown are for the calendar year which are the average of the overlapping WRD rates.

Table 3
Pico Water District
Projected Operating Expenses

Cost Escalation	Inflation	2019	2020	2020	2021	2022	2023	2024	2025
General Inflation Factor	General				2.5%	3.0%	3.0%	3.0%	3.0%
No Escalation	None			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Electric	Electric			4.5%	4.5%	4.5%	4.5%	4.5%	4.5%
Water Replenishment District Cost	WRD			6.0%	6.0%	6.0%	6.0%	6.0%	6.0%
Benefits	Benefits			3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Salary	Salary			5.0%	5.0%	5.0%	5.0%	5.0%	5.0%

Expenses ¹	Category	Inflation	2019	2020	2020	2021	2022	2023	2024	2025
			Actual	Budgeted	Budgeted Modified	Projected	Projected	Projected	Projected	Projected
Ground Water Replenishment	Groundwater	WRD	\$940,711	\$884,000	\$963,763	\$1,016,170	\$1,077,140	\$1,141,768	\$1,210,274	\$1,282,891
Source of Supply Salaries & Wages	Source of Supply	General	\$70,328	\$69,870	\$69,870	\$71,617	\$73,765	\$75,978	\$78,258	\$80,605
Recycled Water	Source of Supply	General	\$42,382	\$45,600	\$45,600	\$46,740	\$48,142	\$49,586	\$51,074	\$52,606
CBMWD Retail Meter Charge	Maintenance	General	\$0	\$10,800	\$10,800	\$11,070	\$11,402	\$11,744	\$12,096	\$12,459
Pumping Salaries & Wages	Pumping	General	\$177,050	\$180,240	\$180,240	\$184,746	\$190,288	\$195,997	\$201,877	\$207,933
Pumping Maint - Well 2	Pumping	General	\$1,141	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pumping Maint - Well 4A	Pumping	General	\$1,307	\$2,000	\$2,000	\$2,050	\$2,112	\$2,175	\$2,240	\$2,307
Pumping Maint - Well 5A	Pumping	General	\$1,718	\$3,500	\$3,500	\$3,588	\$3,695	\$3,806	\$3,920	\$4,038
Pumping Maint - Well 6	Pumping	General	\$741	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pumping Maint - Well 7	Pumping	General	\$741	\$1,500	\$1,500	\$1,538	\$1,584	\$1,631	\$1,680	\$1,730
Pumping Maint - Well 8	Pumping	General	\$0	\$2,000	\$2,000	\$2,050	\$2,112	\$2,175	\$2,240	\$2,307
Pumping Maint - Well 9A	Pumping	General	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pumping Maint - Well 10	Pumping	General	\$1,616	\$1,500	\$1,500	\$1,538	\$1,584	\$1,631	\$1,680	\$1,730
Pumping Maint - Well 11	Pumping	General	\$0	\$2,500	\$2,500	\$2,563	\$2,639	\$2,719	\$2,800	\$2,884
Pumping Maint - Reservoir	Pumping	General	\$3,638	\$4,000	\$4,000	\$4,100	\$4,223	\$4,350	\$4,480	\$4,615
Pumping Maint - Miscellaneous	Pumping	General	\$21,413	\$15,000	\$15,000	\$15,375	\$15,836	\$16,311	\$16,801	\$17,305
Power Exp - Well 2	Pumping	Electric	\$704	\$400	\$400	\$418	\$437	\$456	\$477	\$498
Power Exp - Well 4A	Pumping	Electric	\$7,430	\$5,000	\$5,000	\$5,225	\$5,460	\$5,706	\$5,963	\$6,231
Power Exp - Well 5A	Pumping	Electric	\$56,307	\$52,000	\$52,000	\$54,340	\$56,785	\$59,341	\$62,011	\$64,801
Power Exp - Well 6	Pumping	Electric	\$158	\$400	\$400	\$418	\$437	\$456	\$477	\$498
Power Exp - Well 7	Pumping	Electric	\$822	\$1,000	\$1,000	\$1,045	\$1,092	\$1,141	\$1,193	\$1,246
Power Exp - Well 8	Pumping	Electric	\$70,740	\$76,100	\$76,100	\$79,525	\$83,103	\$86,843	\$90,751	\$94,834
Power Exp - Well 9A	Pumping	Electric	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Power Exp - Reservoir	Pumping	Electric	\$28,192	\$30,700	\$30,700	\$32,082	\$33,525	\$35,034	\$36,610	\$38,258
Power Exp - Well 10	Pumping	Electric	\$33,588	\$49,800	\$49,800	\$52,041	\$54,383	\$56,830	\$59,387	\$62,060
Power Exp - Well 11	Pumping	Electric	\$0	\$20,000	\$20,000	\$20,900	\$21,841	\$22,823	\$23,850	\$24,924

Table 3
Pico Water District
Projected Operating Expenses

Cost Escalation	Inflation	2019	2020	2020	2021	2022	2023	2024	2025
General Inflation Factor	General				2.5%	3.0%	3.0%	3.0%	3.0%
No Escalation	None			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Electric	Electric			4.5%	4.5%	4.5%	4.5%	4.5%	4.5%
Water Replenishment District Cost	WRD			6.0%	6.0%	6.0%	6.0%	6.0%	6.0%
Benefits	Benefits			3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Salary	Salary			5.0%	5.0%	5.0%	5.0%	5.0%	5.0%

Expenses ¹	Category	Inflation	2019	2020	2020	2021	2022	2023	2024	2025
			Actual	Budgeted	Budgeted Modified	Projected	Projected	Projected	Projected	Projected
Treatment Salaries & Wages	Water Treatment	General	\$4,480	\$4,100	\$4,100	\$4,203	\$4,329	\$4,458	\$4,592	\$4,730
Chemicals	Water Treatment	General	\$15,897	\$22,000	\$22,000	\$22,550	\$23,227	\$23,923	\$24,641	\$25,380
Lab Testing	Water Treatment	General	\$25,127	\$50,000	\$50,000	\$51,250	\$52,788	\$54,371	\$56,002	\$57,682
Permits and Fees	Water Treatment	General	\$51,016	\$30,000	\$30,000	\$30,750	\$31,673	\$32,623	\$33,601	\$34,609
Trans & Distrib Salaries & Wages	Transmission & Distribution	General	\$98,748	\$107,100	\$107,100	\$109,778	\$113,071	\$116,463	\$119,957	\$123,556
Field Supplies & Expense	Transmission & Distribution	General	\$4,543	\$7,500	\$7,500	\$7,688	\$7,918	\$8,156	\$8,400	\$8,652
Safety Expense	Transmission & Distribution	General	\$4,339	\$3,500	\$3,500	\$3,588	\$3,695	\$3,806	\$3,920	\$4,038
Small Tools Expense	Transmission & Distribution	General	\$7,479	\$2,500	\$2,500	\$2,563	\$2,639	\$2,719	\$2,800	\$2,884
Cross Connection Expense	Transmission & Distribution	General	\$199	\$600	\$600	\$615	\$633	\$652	\$672	\$692
Repair Services	Transmission & Distribution	General	\$1,405	\$600	\$600	\$615	\$633	\$652	\$672	\$692
Backhoe - Repair & Maint	Transmission & Distribution	General	\$552	\$2,400	\$2,400	\$2,460	\$2,534	\$2,610	\$2,688	\$2,769
Hydrants - Repair & Maint	Transmission & Distribution	General	\$38,175	\$5,000	\$5,000	\$5,125	\$5,279	\$5,437	\$5,600	\$5,768
Main Lines - Repair & Maint	Transmission & Distribution	General	\$7,929	\$5,000	\$5,000	\$5,125	\$5,279	\$5,437	\$5,600	\$5,768
Meters - Repair & Maint	Transmission & Distribution	General	\$16,508	\$18,000	\$18,000	\$18,450	\$19,004	\$19,574	\$20,161	\$20,766
Service Lines - Repair & Maint	Transmission & Distribution	General	\$9,441	\$10,000	\$10,000	\$10,250	\$10,558	\$10,874	\$11,200	\$11,536
Valves - Repair & Maint	Transmission & Distribution	General	\$12,845	\$8,000	\$8,000	\$8,200	\$8,446	\$8,699	\$8,960	\$9,229
Misc - Trans & Dist Maint	Transmission & Distribution	General	\$0	\$1,000	\$1,000	\$1,025	\$1,056	\$1,087	\$1,120	\$1,154
First Aid Expense	General & Administrative	General	\$5,169	\$2,100	\$2,100	\$2,153	\$2,217	\$2,284	\$2,352	\$2,423
Uniforms	General & Administrative	General	\$4,230	\$4,800	\$4,800	\$4,920	\$5,068	\$5,220	\$5,376	\$5,538
Fuel Expense	Maintenance	General	\$14,858	\$16,500	\$16,500	\$16,913	\$17,420	\$17,942	\$18,481	\$19,035
Veh Exp - 1304508 - 1997 Ford Dmp Trk	Maintenance	General	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Veh Exp - 1183183 - 2005 Chev Util Trk	Maintenance	General	\$0	\$1,200	\$1,200	\$1,230	\$1,267	\$1,305	\$1,344	\$1,384
Veh Exp - 1193940 - 2006 Ford Trk	Maintenance	General	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Veh Exp - 1242776 - 2008 Ford Util Trk	Maintenance	General	\$368	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Veh Exp - 1329407 - 2009 Ford Trk	Maintenance	General	\$961	\$900	\$900	\$923	\$950	\$979	\$1,008	\$1,038
Veh Exp - 1329408 - 2009 Ford Trk	Maintenance	General	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Table 3
Pico Water District
Projected Operating Expenses

Cost Escalation	Inflation	2019	2020	2020	2021	2022	2023	2024	2025
General Inflation Factor	General				2.5%	3.0%	3.0%	3.0%	3.0%
No Escalation	None			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Electric	Electric			4.5%	4.5%	4.5%	4.5%	4.5%	4.5%
Water Replenishment District Cost	WRD			6.0%	6.0%	6.0%	6.0%	6.0%	6.0%
Benefits	Benefits			3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Salary	Salary			5.0%	5.0%	5.0%	5.0%	5.0%	5.0%

Expenses ¹	Category	Inflation	2019	2020	2020	2021	2022	2023	2024	2025
			Actual	Budgeted	Budgeted Modified	Projected	Projected	Projected	Projected	Projected
Veh Exp - 1455249 - 2015 Chev Trk	Maintenance	General	\$415	\$400	\$400	\$410	\$422	\$435	\$448	\$461
Veh Exp - 1459257 - 2015 Chev Trk	Maintenance	General	\$1,278	\$400	\$400	\$410	\$422	\$435	\$448	\$461
Veh Exp - 1491226 - 2016 Dodge Ram DmpTrk	Maintenance	General	\$0	\$200	\$200	\$205	\$211	\$217	\$224	\$231
Veh Exp - 1555201 - 2019 Chev Trk	Maintenance	General	\$15	\$200	\$200	\$205	\$211	\$217	\$224	\$231
Veh Exp - 1555202 - 2019 Chev Trk	Maintenance	General	\$207	\$200	\$200	\$205	\$211	\$217	\$224	\$231
Veh Exp - Misc	Maintenance	General	\$153	\$200	\$200	\$205	\$211	\$217	\$224	\$231
Meter Read & Svc Call Salaries & Wages	Customer Accounts	General	\$21,288	\$24,480	\$24,480	\$25,092	\$25,845	\$26,620	\$27,419	\$28,241
Billing & Cust Svc Salaries & Wages	Customer Accounts	General	\$130,872	\$137,190	\$137,190	\$140,620	\$144,838	\$149,183	\$153,659	\$158,269
Billing & Collection Supplies	Customer Accounts	General	\$44,461	\$48,500	\$48,500	\$49,713	\$51,204	\$52,740	\$54,322	\$55,952
Billing Communication Expense	Customer Accounts	General	\$2,674	\$3,200	\$3,200	\$3,280	\$3,378	\$3,480	\$3,584	\$3,692
Uncollectible Accounts	General & Administrative	General	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Travel/Mtgs - General Manager	General & Administrative	General	\$749	\$2,500	\$2,500	\$2,563	\$2,639	\$2,719	\$2,800	\$2,884
Travel/Mtgs - Board & Officers	General & Administrative	General	\$654	\$200	\$200	\$205	\$211	\$217	\$224	\$231
Gen & Admin Salaries & Wages	General & Administrative	General	\$196,143	\$233,860	\$233,860	\$239,707	\$246,898	\$254,305	\$261,934	\$269,792
Salaries - Sick Leave	General & Administrative	General	\$32,080	\$26,500	\$26,500	\$27,163	\$27,977	\$28,817	\$29,681	\$30,572
Salaries - Allowed Time	General & Administrative	General	\$13,054	\$16,070	\$16,070	\$16,472	\$16,966	\$17,475	\$17,999	\$18,539
Salaries - Vacation Pay	General & Administrative	General	\$46,978	\$35,800	\$35,800	\$36,695	\$37,796	\$38,930	\$40,098	\$41,301
Salaries - Holiday Pay	General & Administrative	General	\$35,438	\$37,100	\$37,100	\$38,028	\$39,168	\$40,343	\$41,554	\$42,800
Salaries - Standby Pay	General & Administrative	General	\$15,654	\$16,200	\$16,200	\$16,605	\$17,103	\$17,616	\$18,145	\$18,689
Salaries - Jury Duty Pay	General & Administrative	General	\$455	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Salaries - Phone Allowance	General & Administrative	General	\$1,260	\$1,260	\$1,260	\$1,292	\$1,330	\$1,370	\$1,411	\$1,454
Salaries - Car Allowance	General & Administrative	General	\$4,820	\$4,800	\$4,800	\$4,920	\$5,068	\$5,220	\$5,376	\$5,538
SALARIES - COVID-19	General & Administrative	General	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Salaries - Other	General & Administrative	General	\$6,586	\$5,000	\$5,000	\$5,125	\$5,279	\$5,437	\$5,600	\$5,768
Group Insurance - Health	General & Administrative	General	\$158,737	\$178,000	\$178,000	\$182,450	\$187,924	\$193,561	\$199,368	\$205,349
Group Insurance - Dental	General & Administrative	General	\$14,606	\$16,000	\$16,000	\$16,400	\$16,892	\$17,399	\$17,921	\$18,458

Table 3
Pico Water District
Projected Operating Expenses

Cost Escalation		Inflation	2019	2020	2020	2021	2022	2023	2024	2025
General Inflation Factor	General					2.5%	3.0%	3.0%	3.0%	3.0%
No Escalation	None				0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Electric	Electric				4.5%	4.5%	4.5%	4.5%	4.5%	4.5%
Water Replenishment District Cost	WRD				6.0%	6.0%	6.0%	6.0%	6.0%	6.0%
Benefits	Benefits				3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Salary	Salary				5.0%	5.0%	5.0%	5.0%	5.0%	5.0%

Expenses ¹	Category	Inflation	2019	2020	2020	2021	2022	2023	2024	2025
			Actual	Budgeted	Budgeted Modified	Projected	Projected	Projected	Projected	Projected
Group Insurance - Life	General & Administrative	General	\$3,120	\$3,200	\$3,200	\$3,280	\$3,378	\$3,480	\$3,584	\$3,692
Group Insurance - Vision	General & Administrative	General	\$5,858	\$4,500	\$4,500	\$4,613	\$4,751	\$4,893	\$5,040	\$5,191
Group Insurance - Health Retiree Over 65	General & Administrative	General	\$19,163	\$25,500	\$25,500	\$26,138	\$26,922	\$27,729	\$28,561	\$29,418
Group Insurance - Health Retiree Under 65	General & Administrative	General	\$9,827	\$14,650	\$14,650	\$15,016	\$15,467	\$15,931	\$16,409	\$16,901
Payroll Taxes	General & Administrative	General	\$66,026	\$68,210	\$68,210	\$69,915	\$72,013	\$74,173	\$76,398	\$78,690
Workers Comp Insurance	General & Administrative	General	\$12,389	\$18,260	\$18,260	\$18,717	\$19,278	\$19,856	\$20,452	\$21,066
Pension Plan	General & Administrative	General	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PERS - ER Paid Member	General & Administrative	General	\$40,303	\$44,100	\$44,100	\$45,203	\$46,559	\$47,955	\$49,394	\$50,876
PERS - ER Classic	General & Administrative	General	\$62,971	\$73,150	\$73,150	\$74,979	\$77,228	\$79,545	\$81,931	\$84,389
PERS - ER PEPRA	General & Administrative	General	\$8,717	\$12,210	\$12,210	\$12,515	\$12,891	\$13,277	\$13,676	\$14,086
PERS - PEPRA EE Paid	General & Administrative	General	\$8,240	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PEPRA Withholdings	General & Administrative	General	-\$8,454	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PERS Unfunded Expense	General & Administrative	General	\$19,350	\$23,000	\$23,000	\$23,575	\$24,282	\$25,011	\$25,761	\$26,534
OPEB Expense	General & Administrative	General	\$90,000	\$90,000	\$90,000	\$92,250	\$95,018	\$97,868	\$100,804	\$103,828
Director Compensation	General & Administrative	General	\$38,655	\$33,000	\$33,000	\$33,825	\$34,840	\$35,885	\$36,961	\$38,070
Travel/Mtgs - V. Caballero	General & Administrative	General	\$75	\$4,200	\$4,200	\$4,305	\$4,434	\$4,567	\$4,704	\$4,845
Travel/Mtgs - D. Gonzales	General & Administrative	General	\$2,678	\$4,200	\$4,200	\$4,305	\$4,434	\$4,567	\$4,704	\$4,845
Travel/Mtgs - A. Lara	General & Administrative	General	\$4,386	\$4,200	\$4,200	\$4,305	\$4,434	\$4,567	\$4,704	\$4,845
Travel/Mtgs - E. Ramirez	General & Administrative	General	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Travel/Mtgs - B. Rapisarda	General & Administrative	General	\$202	\$4,200	\$4,200	\$4,305	\$4,434	\$4,567	\$4,704	\$4,845
Travel/Mtgs - H. Salazar	General & Administrative	General	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Travel/Mtgs - R. Martinez	General & Administrative	General	\$1,227	\$4,200	\$4,200	\$4,305	\$4,434	\$4,567	\$4,704	\$4,845
Other Board Expense	General & Administrative	General	\$480	\$1,500	\$1,500	\$1,538	\$1,584	\$1,631	\$1,680	\$1,730
Office Supplies & Expense	General & Administrative	General	\$18,971	\$13,000	\$13,000	\$13,325	\$13,725	\$14,136	\$14,561	\$14,997
Office Utilities	General & Administrative	Electric	\$20,935	\$23,000	\$23,000	\$24,035	\$25,117	\$26,247	\$27,428	\$28,662
Prof Services - Legal	General & Administrative	General	\$45,239	\$55,000	\$55,000	\$56,375	\$58,066	\$59,808	\$61,602	\$63,451

Table 3
Pico Water District
Projected Operating Expenses

Cost Escalation	Inflation	2019	2020	2020	2021	2022	2023	2024	2025
General Inflation Factor	General				2.5%	3.0%	3.0%	3.0%	3.0%
No Escalation	None			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Electric	Electric			4.5%	4.5%	4.5%	4.5%	4.5%	4.5%
Water Replenishment District Cost	WRD			6.0%	6.0%	6.0%	6.0%	6.0%	6.0%
Benefits	Benefits			3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Salary	Salary			5.0%	5.0%	5.0%	5.0%	5.0%	5.0%

Expenses ¹		Category	Inflation	2019	2020	2020	2021	2022	2023	2024	2025
				Actual	Budgeted	Budgeted Modified	Projected	Projected	Projected	Projected	Projected
Prof Services - Accounting	General & Administrative	General		\$63,549	\$45,000	\$45,000	\$46,125	\$47,509	\$48,934	\$50,402	\$51,914
Prof Services - Computer	General & Administrative	General		\$3,150	\$3,000	\$3,000	\$3,075	\$3,167	\$3,262	\$3,360	\$3,461
Prof Services - Engineering	Maintenance	General		\$2,963	\$4,500	\$4,500	\$4,613	\$4,751	\$4,893	\$5,040	\$5,191
Prof Services - Licensing & Support	General & Administrative	General		\$14,310	\$13,250	\$13,250	\$13,581	\$13,989	\$14,408	\$14,841	\$15,286
Prof Services - Misc	General & Administrative	General		\$6,789	\$3,500	\$3,500	\$3,588	\$3,695	\$3,806	\$3,920	\$4,038
Prof Services - Emergency Preparedness	Maintenance	General		\$9,088	\$12,000	\$12,000	\$12,300	\$12,669	\$13,049	\$13,441	\$13,844
Prof Services - Nobel GIS System	Maintenance	General		\$5,400	\$16,500	\$16,500	\$16,913	\$17,420	\$17,942	\$18,481	\$19,035
Property Insurance	General & Administrative	General		\$4,722	\$6,300	\$6,300	\$6,458	\$6,651	\$6,851	\$7,056	\$7,268
Earthquake Insurance	General & Administrative	General		\$9,200	\$10,000	\$10,000	\$10,250	\$10,558	\$10,874	\$11,200	\$11,536
Auto/General Liability Insurance	General & Administrative	General		\$25,515	\$27,000	\$27,000	\$27,675	\$28,505	\$29,360	\$30,241	\$31,148
Maint - General Plant	Maintenance	General		\$485	\$1,800	\$1,800	\$1,845	\$1,900	\$1,957	\$2,016	\$2,077
Maint - District Office	Maintenance	General		\$11,827	\$12,200	\$12,200	\$12,505	\$12,880	\$13,267	\$13,665	\$14,074
Maint - District Yard	Maintenance	General		\$5,680	\$6,400	\$6,400	\$6,560	\$6,757	\$6,960	\$7,168	\$7,383
Due & Subscriptions	General & Administrative	General		\$22,901	\$15,000	\$15,000	\$15,375	\$15,836	\$16,311	\$16,801	\$17,305
Noticing	General & Administrative	General		\$15,306	\$8,500	\$8,500	\$8,713	\$8,974	\$9,243	\$9,520	\$9,806
Education Expense	General & Administrative	General		\$1,850	\$3,000	\$3,000	\$3,075	\$3,167	\$3,262	\$3,360	\$3,461
Conservation Expense	Conservation	General		\$31,439	\$25,000	\$25,000	\$25,625	\$26,394	\$27,186	\$28,001	\$28,841
Grant Expense	General & Administrative	General		\$0	\$15,000	\$15,000	\$15,375	\$15,836	\$16,311	\$16,801	\$17,305
Election Costs	General & Administrative	General		\$9,024	\$40,000	\$40,000	\$20,000	\$20,600	\$21,218	\$21,855	\$22,510
Other Operating Expense	General & Administrative	General		\$0	\$1,200	\$1,200	\$1,230	\$1,267	\$1,305	\$1,344	\$1,384
Compliance Fines	General & Administrative	General		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Non-Operating Expense	General & Administrative	General		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Table 3
Pico Water District
Projected Operating Expenses

Cost Escalation	Inflation	2019	2020	2020	2021	2022	2023	2024	2025
General Inflation Factor	General				2.5%	3.0%	3.0%	3.0%	3.0%
No Escalation	None			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Electric	Electric			4.5%	4.5%	4.5%	4.5%	4.5%	4.5%
Water Replenishment District Cost	WRD			6.0%	6.0%	6.0%	6.0%	6.0%	6.0%
Benefits	Benefits			3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Salary	Salary			5.0%	5.0%	5.0%	5.0%	5.0%	5.0%

Expenses ¹	Category	Inflation	2019	2020	2020	2021	2022	2023	2024	2025
			Actual	Budgeted	Budgeted Modified	Projected	Projected	Projected	Projected	Projected
PFAS Maintenance	General & Administrative	General					\$80,000	\$82,400	\$84,872	\$87,418
Total Operating Expenses			\$3,230,130	\$3,341,400	\$3,421,163	\$3,519,173	\$3,739,283	\$3,888,009	\$4,043,325	\$4,205,555
% Change from Previous Year			-3.8%	-0.5%	5.9%	2.9%	6.3%	4.0%	4.0%	4.0%

¹ Based on Pico WD budget

Table 4
Pico Water District
Projected Operating Revenues

Revenue		2017	2018	2019	2020	2021	2022	2023	2024	2025
		Actual	Actual	Actual	Budget	Projected	Projected	Projected	Projected	Projected
Meter Service Charge - Residential		\$309,484	\$810,364	\$865,222						
Water Sales Potable - Residential		\$1,298,623	\$1,051,788	\$1,024,629						
Meter Service Charge - Multi User		\$72,494	\$90,298	\$102,295						
Water Sales Potable - Multi User		\$467,740	\$360,298	\$364,017						
Meter Service Charge - Multi Dwelling		\$0	\$111,000	\$111,026						
Meter Service Charge - Commercial		\$51,773	\$146,538	\$151,783						
Water Sales Potable - Commercial		\$468,033	\$386,893	\$366,985						
Meter Service Charge - Industrial		\$189	\$534	\$556						
Water Sales Potable - Industrial		\$434	\$82	\$602						
Meter Service Charge - Government		\$42,953	\$123,573	\$128,475						
Water Sales Potable - Government		\$357,346	\$259,435	\$250,708						
Fire Protection		\$56,971	\$57,945	\$60,981						
Rate Revenue	Demand	\$3,126,040	\$3,398,749	\$3,427,278	\$3,420,000	\$3,420,000	\$3,625,200	\$3,842,712	\$4,073,275	\$4,317,671
Additional Rate Revenue ^{1,2}					\$0	\$205,200	\$217,512	\$230,563	\$244,396	\$259,060
Water Sales Recycled - Government	None	\$39,216	\$58,458	\$69,698	\$46,000	\$46,000	\$46,000	\$46,000	\$46,000	\$46,000
Infrastructure Surcharge	Demand	\$443,485	\$419,648	\$424,926	\$410,000	\$410,000	\$410,000	\$410,000	\$410,000	\$410,000
Other Revenue										
Water Sales Potable - Hydr/Const	None	\$411	\$3,153	\$4,928	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Meter Service Charge - Hydr/Const	None	\$0	\$6,889	\$3,653	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Water Other - Hyd Surchg/Setup C	None	\$586	\$1,100	\$1,540	\$500	\$500	\$500	\$500	\$500	\$500
Reconnection Charges	None	\$6,455	\$10,260	\$7,415	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000
NSF Check Charges	None	\$1,395	\$1,980	\$795	\$525	\$525	\$525	\$525	\$525	\$525
Late Fees	None	\$57,684	\$62,412	\$58,598	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000
New Customer Application Charge	None	\$6,836	\$7,500	\$5,825	\$5,500	\$5,500	\$5,500	\$5,500	\$5,500	\$5,500
Damage/Lock/Unauthorized Use	None	\$250	\$50	\$200	\$200	\$200	\$200	\$200	\$200	\$200
Testing Fees	None	\$375	\$1,625	\$875	\$500	\$500	\$500	\$500	\$500	\$500
Backflow Device Fees	None	\$24,129	\$23,745	\$23,587	\$22,000	\$22,000	\$22,000	\$22,000	\$22,000	\$22,000
Temp Turn On / Turn Off Fees	None	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Credit & Collections	None	\$0	\$1	-\$157	\$0	\$0	\$0	\$0	\$0	\$0

Table 4
Pico Water District
Projected Operating Revenues

Revenue		2017	2018	2019	2020	2021	2022	2023	2024	2025
		Actual	Actual	Actual	Budget	Projected	Projected	Projected	Projected	Projected
Water Rights Lease Income	None	\$88,000	\$228,000	\$144,428	\$144,000	\$144,000	\$144,000	\$144,000	\$144,000	\$144,000
Grant Revenue-Federal	None	\$6,264	\$48,022	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Interest Income	None	\$49,202	\$133,926	\$145,231	\$55,000	\$27,500	\$30,916	\$34,612	\$36,951	\$40,194
Investment Income	None	\$3,880	-\$2,433	\$22,530	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000
House Rental Income	None	\$18,000	\$19,000	\$20,200	\$20,400	\$20,400	\$20,400	\$20,400	\$20,400	\$20,400
Unrealized Gains/Loss	None	-\$4,771	\$2,353	\$7,040	\$0	\$0	\$0	\$0	\$0	\$0
Realized Gains/Loss	None	-\$2,208	-\$1,766	\$7,305	\$0	\$0	\$0	\$0	\$0	\$0
Gain/Loss Sale of Assets	None	\$6,305	\$11,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Income	None	\$32,198	\$17,152	\$21,865	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Total Other Revenue		\$294,991	\$573,970	\$475,857	\$314,625	\$287,125	\$290,541	\$294,237	\$296,576	\$299,819
Total Operating Revenue		\$3,942,947	\$4,509,282	\$4,467,457	\$4,236,625	\$4,368,325	\$4,589,253	\$4,823,512	\$5,070,247	\$5,332,551
% Change from Previous Year			14.4%	-0.9%	-5.2%	3.1%	5.1%	5.1%	5.1%	5.2%

¹Additional revenue based on recommended increase

²Additional adjusted if adopted mid-fiscal year

Table 5
Pico Water District
Capital Improvement Costs

Project Description	2020	2021	2022	2023	2024	2025
	<i>Budgeted</i>	<i>Projected</i>	<i>Projected</i>	<i>Projected</i>	<i>Projected</i>	<i>Projected</i>
CIP (Current Dollars)						
Replace all undersized four-inch cast iron pipe			\$1,000,000			\$1,500,000
Replace all six-inch cast iron pipe			\$1,000,000			
Replace all undersized four-inch asbestos cement pipe						\$1,000,000
Replace old manual read meters with new AMRs		\$880,000				
PFAS*		\$1,500,000				
Hydrant Repairs	\$8,000					
Additional Well						\$3,000,000
Well Rehabilitation		\$45,000	\$45,000	\$45,000	\$45,000	\$45,000
Pipeline Repair and Replacement						
Total CIP (Current Dollars)	\$8,000	\$2,425,000	\$2,045,000	\$45,000	\$45,000	\$5,545,000
CIP (Inflated Dollars)						
Total CIP (Inflated Dollars)	\$0	\$2,485,625	\$2,159,009	\$48,934	\$50,402	\$6,396,970

Table 6
Pico Water District
Existing and Proposed Debt

Description	2021	2022	2023	2024	2025
	<i>Projected</i>	<i>Projected</i>	<i>Projected</i>	<i>Projected</i>	<i>Projected</i>
Existing Debt					
I Bank 2M	\$111,380	\$111,222	\$111,058	\$110,889	\$110,715
I Bank 5M	310,522	310,120	309,702	309,268	308,818
Total Current Debt Service	\$421,902	\$421,341	\$420,760	\$420,158	\$419,533
Proposed Borrowing					
Net Proceeds Needed			\$4,500,000		
Repayment Term (yrs)			30		
Interest Rate			2.5%		
Month of Issue			1		
Issuance Cost			\$112,500		
Debt Service Reserve			\$235,000		
Total Debt Issue Size			\$4,847,500		
Prorated Debt Service Payment - Current Yr. Only			\$232,000		
Annual Debt Service Payment (rounded)			\$232,000		
Total Proposed Annual Water Debt Service	\$0	\$0	\$232,000	\$232,000	\$232,000

Table 7
Pico Water District
Cash Flow Projections

Operating Fund	2021	2022	2023	2024	2025
Reserves					
Beginning Unrestricted Balance	\$2,750,000	\$3,091,625	\$3,461,245	\$3,695,054	\$4,019,417
Revenues					
Rate Revenue	\$3,420,000	\$3,625,200	\$3,842,712	\$4,073,275	\$4,317,671
Additional Rate Revenue	205,200	217,512	230,563	244,396	259,060
Water Sales Recycled - Govt	46,000	46,000	46,000	46,000	46,000
Infrastructure Surcharge	410,000	410,000	410,000	410,000	410,000
Other Revenue	\$287,125	\$290,541	\$294,237	\$296,576	\$299,819
Total Revenue	\$4,368,325	\$4,589,253	\$4,823,512	\$5,070,247	\$5,332,551
Expenses					
Total Operating Expenses	\$3,519,173	\$3,739,283	\$3,888,009	\$4,043,325	\$4,205,555
Capital Expenses					
Existing Debt Service	\$421,902	\$421,341	\$420,760	\$420,158	\$419,533
New Debt Service	0	0	232,000	232,000	232,000
Rate Funded Capital	\$85,625	\$59,009	\$48,934	\$50,402	\$396,970
Total Capital Expenditures	\$507,527	\$480,350	\$701,694	\$702,560	\$1,048,503
Total Expenses	\$4,026,700	\$4,219,633	\$4,589,703	\$4,745,885	\$5,254,058
Net Revenues	\$341,625	\$369,620	\$233,809	\$324,362	\$78,493
Ending Unrestricted Balance	\$3,091,625	\$3,461,245	\$3,695,054	\$4,019,417	\$4,097,909
Debt Coverage (Target 1.25)	2.01	2.02	1.43	1.57	1.73

Table 7
Pico Water District
Cash Flow Projections

Capital Funding	2021	2022	2023	2024	2025
Capital Revenues					
Use of Debt Proceeds	\$2,400,000	\$2,100,000		\$0	\$6,000,000
Grant Revenue					
Use of Capacity Funds					
Rate Funded Capital	\$85,625	\$59,009	\$48,934	\$50,402	\$396,970
Total Capital Revenue	\$2,485,625	\$2,159,009	\$48,934	\$50,402	\$6,396,970
Total Capital Expenditures	\$2,485,625	\$2,159,009	\$48,934	\$50,402	\$6,396,970

Table 9
Pico Water District
Cost Allocation

Functional Allocation	Allocation	Customer	Capacity	All Volume	Total
	Amount				
Conservation	\$25,625			100%	100%
Maintenance	\$86,510		40%	60%	100%
Source of Supply	\$118,357			100%	100%
Pumping	\$463,539			100%	100%
Water Treatment	\$108,753			100%	100%
Transmission & Distribution	\$175,480			100%	100%
Customer Accounts	\$218,704	100%			100%
General & Administrative	\$1,306,036		85%	15.0%	100%
Groundwater	\$1,016,170			100.0%	100%
New Debt	\$232,000		100.0%		100%
Capital	\$85,625			100%	100%
Functional Allocation \$		\$218,704	\$1,376,734	\$2,241,359	\$3,836,798
Functional Allocation %		5.70%	35.88%	58.41%	100%
Revenue Requirement		\$206,636	\$1,300,722	\$2,117,479	\$3,625,200

Table 10
Pico Water District
2018 Water Rates

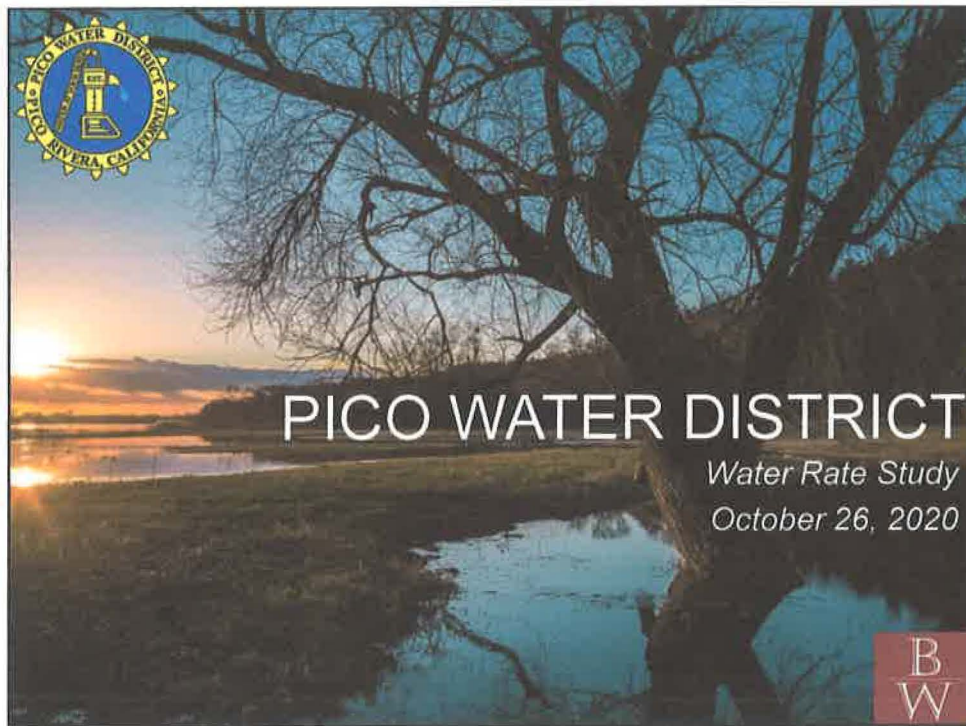
Allocation Units	Customer	Capacity	All Volume
	#	EDU	CCF
Total Allocation Units	5,578	8,260	1,125,000
Revenue Requirement	<u>\$206,636</u>	<u>\$1,300,722</u>	<u>\$2,117,479</u>
Unit Cost	\$37.04	\$157.48	\$1.88

Uniform Rate	Tier Demand	Demand (CCF)	Revenue Requirement	Unit Rate
Tier 1	100.0%	1,125,000	2,117,479	\$1.88

Table 10
Pico Water District
2018 Water Rates

Fixed Charge Calculation	Customer Charge	Capacity Factor	Annual Capacity Charge	Annual Meter Charge	Monthly Meter Charge	Bi-Monthly Meter Charge
Meter Size						
Single Family	\$37.04	1.0	\$157.48	\$194.52	\$16.21	\$32.42
5/8"	\$37.04	1.0	\$157.48	\$194.52	\$16.21	\$32.42
1"	\$37.04	2.5	\$393.70	\$430.74	\$35.90	\$71.80
1 1/2"	\$37.04	5.0	\$787.40	\$824.44	\$68.70	\$137.40
2"	\$37.04	8.0	\$1,259.84	\$1,296.88	\$108.07	\$216.14
3"	\$37.04	15.0	\$2,362.20	\$2,399.24	\$199.94	\$399.88
4"	\$37.04	25.0	\$3,937.00	\$3,974.04	\$331.17	\$662.34
6"	\$37.04	50.0	\$7,874.00	\$7,911.04	\$659.25	\$1,318.50
10"	\$37.04	115.0	\$18,110.20	\$18,147.24	\$1,512.27	\$3,024.54

Fixed Private Fire Charge Calculation	Annual Capacity Charge	Annual Meter Charge	Monthly Meter Charge	Bi-Monthly Meter Charge
Meter Size				
1 1/2"	\$157.48	\$157.48	\$13.12	\$26.24
2"	\$251.97	\$251.97	\$21.00	\$42.00
4"	\$472.44	\$472.44	\$39.37	\$78.74
6"	\$787.40	\$787.40	\$65.62	\$131.24
8"	\$1,574.80	\$1,574.80	\$131.23	\$262.46
10"	\$3,622.04	\$3,622.04	\$301.84	\$603.68



Study Objectives

- Financial Stability
 - Fund operating and capital costs while maintaining prudent reserves and debt coverage ratios
- Legally Compliant
 - Prop. 218
- Customer Focused
 - Smooth, predictable increases
- Aligned with District Priorities

Prop. 218 states that a customer's rates "must not generate revenues in excess of the cost of service for which the fee is charged."

Cal. Const., art. XIII D, § 6, subd. (b).

Project Overview

Rate Study Process



- Project began 2019
 - Developed draft financial plans
- Remaining Work
 - Final report
 - Board authorization to send 218 notices
 - 218 notice period and public hearing
 - Outreach, adoption, and implementation

Regular input from staff throughout the project has been key to progress

B
W

Legal Compliance

- Prop 218 approved by voters in 1996 as the "Right to Vote on Taxes Act"
 - Added Articles 13C and 13D to California Constitution
 - Water & sewer rates subject to Article 13D, Section 6 (property-related charges)
- Procedural requirements for imposing or raising rates
 - Mail notice to property owners, 45+ days, hold public hearing, "majority protest"
- Substantive requirements for rates
 - Revenues cannot exceed the cost of providing service
 - Revenues can only be used for the purpose they are imposed
 - Charges cannot exceed the "proportional cost" of service attributable to each customer
 - Charges only allowable if service is used by or immediately available to rate payer
- Prop 218 has been subject to evolving legal interpretations

B
W

Water Rate Structure Recommendations

Volumetric Rates

- Move from three tiers to one tier
 - Improved 218 compliance
 - Increased revenue stability

Fixed Rates

- All fixed charges based on AWWA meter capacity ratios
 - Improved 218 compliance
 - Simplified facilitation

B
W

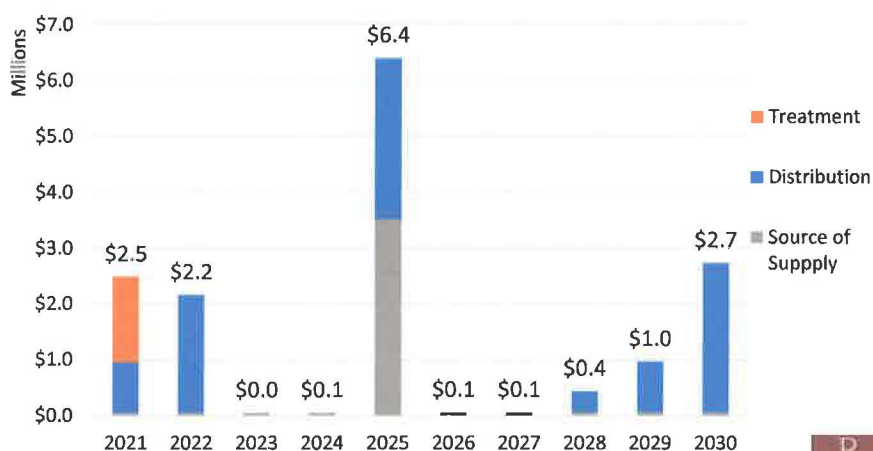
Ten-Year Water Capital Plan

- Estimated capital expenditures
 - **\$15.4 million** (inflation included)
- PFAS Treatment
 - District's projected share of cost to be \$1.5 million
 - Majority of costs projected to be funded by WRD

B
W

Ten-Year Water Capital Plan

- Total Capital Spending in Rates **\$15.4 Million**



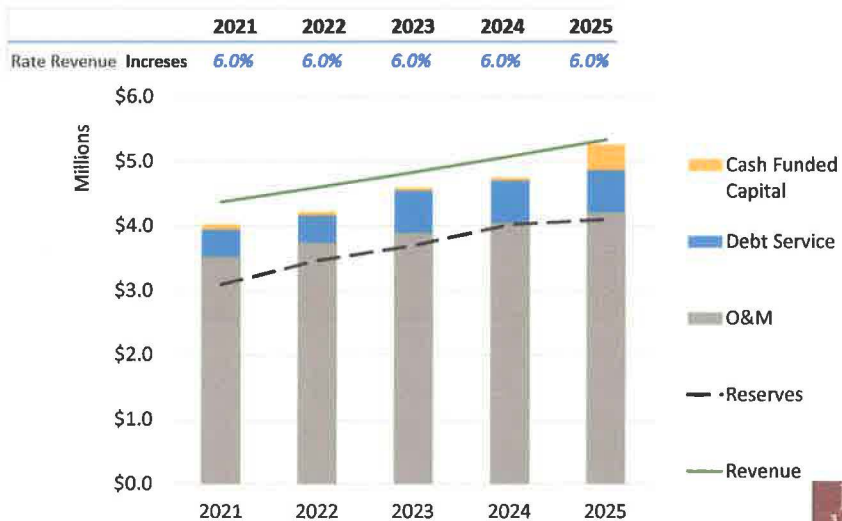
Water Fund - Areas of Focus

- **Increasing Operating Expenses**
 - Inflation
 - WRD Rates
 - PFAS treatment operating cost
 - Projected to be \$80,000 per year
- **Support Projected Debt Service**
 - Maintain minimum debt service coverage of 1.25x
 - Projected debt service

• Existing debt service,	\$420,000
• Additional debt service in 2023,	232,000
• Additional debt service in 2026,	<u>354,000</u>
• Total debt service in 2026,	\$586,000
- **Rate Funded Capital 2021 – 2025**
 - \$641,000

Five-Year Financial Plan

Projected Rate Revenue Increases



Proposed Monthly Fixed Water Rates

Monthly Fixed Rates (All Customers)		2021	2022	2023	2024	2025
Meter Size	Existing	Proposed	Proposed	Proposed	Proposed	Proposed
Fixed Water Service Charges						
Single Family Residential		\$16.21	\$17.19	\$18.23	\$19.33	\$20.49
5/8"	\$15.29	\$16.21	\$17.19	\$18.23	\$19.33	\$20.49
1"	\$21.05	\$35.90	\$38.06	\$40.35	\$42.78	\$45.35
1 1/2"	\$38.22	\$68.70	\$72.83	\$77.20	\$81.84	\$86.76
2"	\$61.16	\$108.07	\$114.56	\$121.44	\$128.73	\$136.46
3"	\$152.91	\$199.94	\$211.94	\$224.66	\$238.14	\$252.43
4"	\$382.26	\$331.17	\$351.05	\$372.12	\$394.45	\$418.12
6"	\$764.53	\$659.25	\$698.81	\$740.74	\$785.19	\$832.31
Fixed Private Fire Charges						
1 1/2"	\$16.41	\$13.12	\$13.91	\$14.75	\$15.64	\$16.58
2"	\$16.41	\$21.00	\$22.26	\$23.60	\$25.02	\$26.53
4"	\$45.54	\$39.37	\$41.74	\$44.25	\$46.91	\$49.73
6"	\$68.86	\$65.62	\$69.56	\$73.74	\$78.17	\$82.87
8"	\$84.12	\$131.23	\$139.11	\$147.46	\$156.31	\$165.69
10"	\$106.70	\$301.84	\$319.96	\$339.16	\$359.51	\$381.09

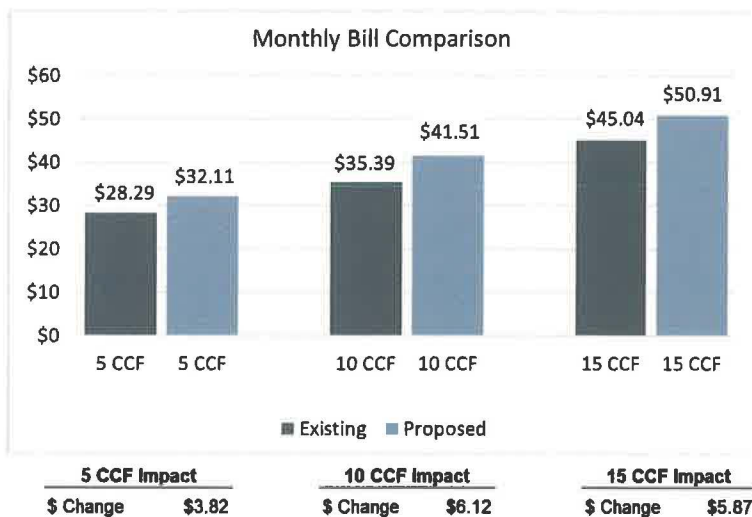
Proposed Volumetric Water Rates

Volumetric Rates	2020	2021	2022	2023	2024	2025
	<i>Existing</i>	<i>Proposed</i>	<i>Proposed</i>	<i>Proposed</i>	<i>Proposed</i>	<i>Proposed</i>
All Other						
Existing Structure	Proposed					
Tier 1 (0-8 CCF)	\$1.30	(All CCF)	\$1.88	\$2.00	\$2.12	\$2.25
Tier 2 (8-12 CCF)	\$1.60					\$2.39
Tier 3 (12+ CCF)	\$2.15					

11

B
W

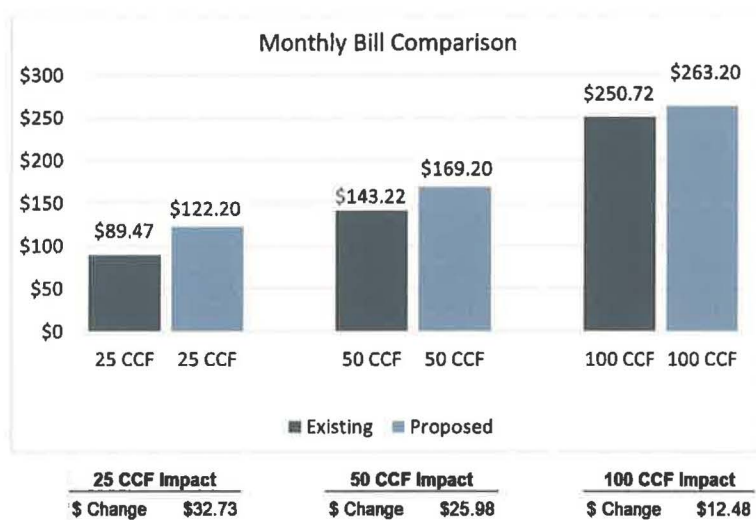
Bill Impacts – Single Family Residential



12

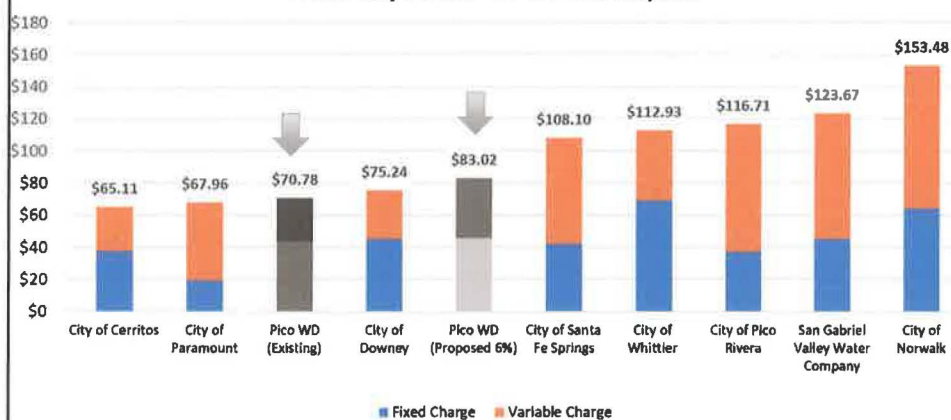
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Bill Impacts – 1.5" Meter



Bi-Monthly Residential Water Rate Survey

Regional Water Bill Comparison September 2020
Bi-Monthly Service - 20 HCF consumption



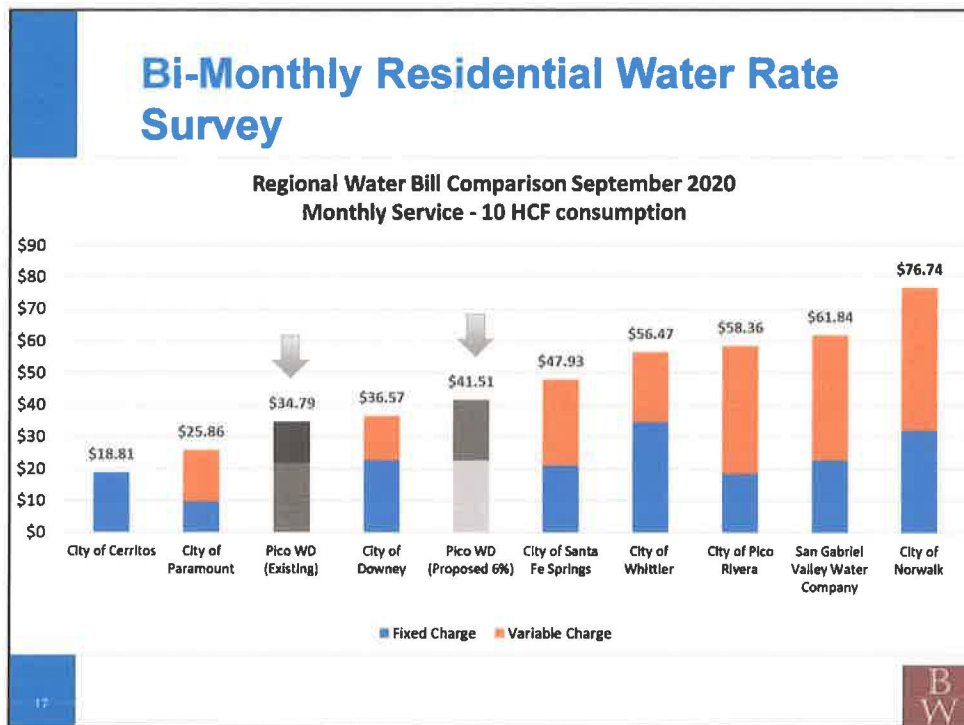
Next Steps

- Mail 218 Notices
- 218 Notice Period
 - 45 Days
- Public Hearing
- Rate Adoption



15





**REGULAR MEETING OF THE BOARD OF DIRECTORS
PICO WATER DISTRICT
4843 S. Church Street
Pico Rivera, California, 90660**

6:00 P.M. Wednesday, December 16, 2020

AGENDA

5. ACTION ITEMS.

- B. Consideration to adopt Ordinance No. 64 an Ordinance increasing water rates and meter charges for water service by 6% each year for five years beginning on February 14, 2021 and thereafter to take effect on February 14, 2022, February 14, 2023, February 14, 2024 and February 14, 2025. *Recommended action – that the Board approve Ordinance 62 increasing water rates and meter charges by 6% each year for five years.*

STAFF REPORT

To: Honorable Board of Directors

From: Mark Grajeda, General Manager

Meeting Date: December 16, 2020

Subject: Action Item 5B – Consideration to adopt Ordinance No. 64 an Ordinance increasing water rates and meter charges for water service by 6% each year for five years to take effect on February 14, 2021 and thereafter to take effect on February 14, 2022, February 14, 2023, February 14, 2024 and February 14, 2025

RECOMMENDATION

That the Board approve Ordinance No. 64 increasing water rates and meter charges by 6% each year for five years and which will go into effect on February 14, 2021, and thereafter on February 14th 2022, February 14th 2023, February 14th 2024 and February 14th 2025, and provide for a pass-through adjustment should the Water Replenishment District of Southern California increase the Replenishment Assessment more than 6% per year.

FISCAL IMPACT

Impact will greatly improve the District's financial stability.

BACKGROUND

In 2014 the Board of Directors took action to pass rate increases over five years at 5% each year and to also pass a new \$6.50 surcharge on every District meter to separately go towards a seven-million dollar loan the District planned to take out with the California Infrastructure and Economic Development Bank (I Bank) to be used towards the replacement of old undersized mainlines and to drill a new well. The District has now completed the drilling and equipping of a new well and has completed the replacement of numerous undersized mains, and is close to finalizing the expenditure of all remaining funds from the I Bank. The Board is now considering raising rates again because there is a need to continue to replace old under sized mainlines, and more importantly there is a need to install new treatment at many of the District's wells for the removal of per and poly-fluoroalkyl substances collectively known as PFAS chemicals.

The District has already begun spending needed funds for the work to remove PFAS chemicals by hiring an engineering company (AKM Consulting) to create construction plans for bidding purposes to build the treatment plants and has applied to the Water Replenishment District of Southern California (WRD) to receive funding from their PFAS Remediation Program, however we do not believe we will receive the full five million dollars needed to build these plants from WRD and may need to make up a possible two million dollar deficit. Also, with this rate increase the District seeks to stabilize its finances by setting aside additional funds for reserves which have been reduced over the past few years due to pipeline replacement and well rehabilitation projects. This rate increase is needed by the District to continue the positive work that has been performed over these past five years.

The recommendation to the Board for this rate increase is to increase rates over the next five years by 6% for each year, to replace our three tiered water rate system with a single uniform water rate and to charge a monthly meter rate based on the amount of water that the meter can provide, and lastly to also provide for a pass-through adjustment to cover any annual WRD replenishment assessments set above 6%.

ORDINANCE NO. 64

ORDINANCE OF PICO WATER DISTRICT ADOPTING INCREASED RATES AND CHARGES

WHEREAS, the Board of Directors of Pico Water District (the "District") has previously adopted certain rates and charges for water service provided by the District; and

WHEREAS, the District hired Bartle Wells Associates, an independent public finance advisory group, to review its financial situation, including the revenues being generated by water sales, its operating expenses and revenue requirements, as well as its funding needs with respect to various capital improvements.

WHEREAS, Bartle Wells Associates, based on its analysis, prepared the 2020 Water Rate Study Final Report dated November 11, 2020 (the "Rate Study"), which demonstrates the need for the District to raise its water rates and charges to meet increased operational costs and to provide funds for capital improvements identified in the Rate Study; and

WHEREAS, at its meeting on October 26, 2020, the District's Board of Directors preliminarily approved certain proposed increases and revisions to the District's water rates and charges, as described in Section 1 of this Ordinance, to be effective for the first billing to occur on or about February 14, 2021, and then with subsequent increases to be effective for the first billings after February 14, 2022, February 14, 2023, February 14, 2024 and February 14, 2025, respectively, to provide revenues to meet increased operating costs and contemplated capital improvement costs (the "Proposed Rate Increase"); and

WHEREAS, a public hearing was conducted by the District's Board of Directors on December 16, 2020, after mailing out notices to all District customers on November 1, 2020 setting forth the notice of the public hearing to consider the Proposed Rate Increase and complying with all requirements of law, including the required details concerning the Proposed Rate Increase, and holding a public workshop on November 19, 2020 to inform the public on the Proposed Rate Increase; and

WHEREAS, the District's Board of Directors finds and determines that: (i) the Proposed Rate Increase is necessary for the District to continue to be able to provide safe and potable water to its residents and customers; and (ii) that a majority written protest to the Proposed Rate Increase pursuant to Article XIID, Section 6(a)(1) of the California Constitution has not been presented; and

WHEREAS, pursuant to Section 15273 of the CEQA Guidelines, the Board of Directors hereby finds that the proposed and projected rates and charges are for the purpose of meeting operating expenses, including employee wage rates and fringe benefits, purchasing or leasing supplies, equipment, or material, meeting financial reserve needs and requirements, and obtaining funds for capital projects, necessary to maintain service within existing service areas, and therefore the California Environmental Quality Act does not apply to the approval of the proposed and projected rates and charges,

NOW, THEREFORE, BE IT ORDAINED that the Board of Directors of Pico Water District hereby:

Section 1. Adopts new and increased water rates and charges as set forth in Exhibit A hereto, which is fully incorporated herein by this reference, to increase such water rates and charges by six percent (6%), to be effective on or about February 14, 2021 and to be implemented for the first full billing cycle after that date; and to further increase such water rates and charges annually by six percent (6%), to be effective after each of February 14, 2022, February 14, 2023, February 14, 2024 and February 14, 2025, and to be implemented for the first full billing cycles after each of those respective dates.

Section 2. Adopts the new and increased water rates as described in Section 1, above, and as set forth in said Exhibit A with the understanding that the increases detailed in that table include estimates of: (i) increases in the replenishment assessment imposed on the District's groundwater production by the Water Replenishment District of Southern California, and that if those estimates of future costs are subsequently determined by the Board of Directors to not cover the actual costs the District incurs for that expense, then pursuant to Government Code Section 53756 with at least 30 days' notice to its customers, the District may subsequently increase its rates to pass-through any increases in that expense that is not otherwise covered in the previously approved rate schedule.

Section 3. Authorizes and directs District staff to take all action necessary to implement the above-referenced increases in accordance with Section 1, above.

Section 4. Authorizes and directs District staff to amend any provisions of the District's Rules and Regulations to effectuate the above-referenced increases.

Section 5. Within seven days after adoption of this Ordinance, this Ordinance shall be published in a newspaper of general circulation in Pico Water District and shall be subject to referendum for thirty (30) days following its adoption.

Section 6. Absent any petition for referendum, this Ordinance shall become effective thirty (30) days after its adoption.

**ADOPTED, APPROVED AND EXECUTED BY THE BOARD OF
DIRECTORS OF PICO WATER DISTRICT the 16th day of December, 2020.**

The vote on this Ordinance was as follows:

AYES:

NOES:

ABSTENTIONS: None

David R. Gonzales, President

ATTEST:

Mark J. Grajeda, Secretary

(Seal)

EXHIBIT A

DRAFT



PICO WATER DISTRICT
WATER AND FIXED RATES EFFECTIVE FEBRUARY 14, 2021

Volumetric Rates			FEB 14 2021	FEB 14 2022	FEB 14 2023	FEB 14 2024	FEB 14 2025
		2020					
		<i>Existing</i>					
Existing Structure							
Tier 1 (0-8 CCF)	\$1.30	(All CCF)	\$1.88*	\$2.00*	\$2.12*	\$2.25*	\$2.39*
Tier 2 (8-12 CCF)	\$1.60						
Tier 3 (12+ CCF)	\$2.15						
Monthly Fixed Rates (All Customers)			FEB 14 2021	FEB 14 2022	FEB 14 2023	FEB 14 2024	FEB 14 2025
Meter Size	Existing						
Fixed Water Service Charges							
Single Family Residential			\$16.21	\$17.19	\$18.23	\$19.33	\$20.49
5/8"	\$15.29		\$16.21	\$17.19	\$18.23	\$19.33	\$20.49
1"	\$21.05		\$35.90	\$38.06	\$40.35	\$42.78	\$45.35
1 1/2"	\$38.22		\$68.70	\$72.83	\$77.20	\$81.84	\$86.76
2"	\$61.16		\$108.07	\$114.56	\$121.44	\$128.73	\$136.46
3"	\$152.91		\$199.94	\$211.94	\$224.66	\$238.14	\$252.43
4"	\$382.26		\$331.17	\$351.05	\$372.12	\$394.45	\$418.12
6"	\$764.53		\$659.25	\$698.81	\$740.74	\$785.19	\$832.31
Fixed Private Fire Charges							
1 1/2"	\$16.41		\$13.12	\$13.91	\$14.75	\$15.64	\$16.58
2"	\$16.41		\$21.00	\$22.26	\$23.60	\$25.02	\$26.53
4"	\$45.54		\$39.37	\$41.74	\$44.25	\$46.91	\$49.73
6"	\$68.86		\$65.62	\$69.56	\$73.74	\$78.17	\$82.87
8"	\$84.12		\$131.23	\$139.11	\$147.46	\$156.31	\$165.69
10"	\$106.70		\$301.84	\$319.96	\$339.16	\$359.51	\$381.09

***Future Pass-Through Adjustments for Wholesale Water Rate/WRD Replenishment Assessment Increases**

The proposed water rates assume that the Water Replenishment District of Southern California (WRD) will charge the following rates for groundwater Replenishment Assessment (RA): \$0.88 per hundred cubic feet (CCF) through June 30, 2021, \$0.93 per CCF through June 30, 2022, \$0.99 per CCF through June 30, 2023, \$1.04 per CCF through June 30, 2024, \$1.11 per CCF through June 30, 2025, and \$1.17 per CCF through June 30, 2026. Pursuant to California Government Code 53756, the District may pass through any additional increases in the WRD RA above the projected rates listed above. Future pass-through adjustments will be implemented by increasing the District's Volumetric Rate by an amount not to exceed the level of WRD RA rate increases (in cents per CCF) in excess of the projected WRD rates listed above. For example, if WRD increases its RA rate to \$0.95 per CCF on July 1, 2021, the District's Water Volumetric Rate could be increased by up to \$0.02 per CCF, equal to the difference between \$0.95 and the projected rate of \$0.93 shown above. Prior to initiating any pass-through adjustment, the District will notify all customers at least 30 days prior to implementation.



PICO WATER DISTRICT • 4843 S. CHURCH STREET PICO RIVERA, CA 90660

PROPOSITION 218 NOTIFICATION

NOTICE OF PUBLIC HEARING ON WATER RATE INCREASES DECEMBER 16, 2020, AT 6:00 p.m.

Why Rate Increases Are Needed

Pico Water District (District) provides water services to ratepayers within its boundaries. While the District strives to be efficient and competitive with its rates, its costs continue to rise due to the replacement of aging infrastructure and undersized mainlines, drilling of new wells and the installation of a new treatment system to remove per- and poly-fluoroalkyl substances (PFAS), the collective term for a group of synthetic chemicals detected in some of the District's wells. The District is proposing predictable, incremental increases to keep pace with these costs. The District engaged an independent consultant to prepare a rate study to determine the appropriate user rates for services from 2021 through 2025.

The proposed rate increases are necessary to enable the District to: (1) recover current and projected increases in the costs of operating and maintaining the water system; (2) maintain the operational and financial stability of the District; (3) avoid operational deficits and depletion of reserves; (4) construct capital infrastructure improvements needed to repair, replace and update the District's aging systems; (5) replace aging equipment; and (6) comply with state and federal regulatory requirements. For further information regarding the rates and analysis, please refer to the 2020 Water Rate Study, which is available for review on the District's website [PicoWaterDistrict.net](https://www.picowaterdistrict.net) or by request. For any questions, please contact the District Office at (562) 692-3756.

Public Hearing & Protests

The District's Board will hold a public hearing on December 16, 2020, at 6:00 p.m.

In accordance with the current State of Emergency for COVID-19 and the Governor's Executive Orders that temporarily suspend requirements of the Brown Act, teleconferencing will be used during the Public Hearing. Members of the public are invited to participate by Zoom meeting.

JOIN THE LIVE ZOOM MEETING:

<https://us02web.zoom.us/j/87906688334?pwd=N2dvekRLK2p4ZzFCMTkzQm1EL0RzZz09>

Meeting ID: 879 0668 8334

Passcode: 244481

Or listen in using this information and dialing (669) 900-9128

Customers directly responsible for the payment of the rates and/or property owners, if different, may submit a written protest against the noticed rate changes; however, only one protest will be counted per identified parcel.

Any written protest must: (1) specifically identify what is being protested; (2) provide the location of the identified parcel (by assessor's parcel number or street address); and (3) include the printed name and signature of the person who is listed on the utility account and is responsible for paying the utility bill and/or the property owner.

Written protests must be submitted by mail to the District Secretary at P.O. Box 758, Pico Rivera, CA 90660-0758, or in person by utilizing the drop box located at 4843 S. Church St., Pico Rivera, CA 90660-2102, or during the Public Hearing, provided they are received prior to the conclusion of the public comment portion of the Public Hearing. For any protest, please identify on the front of the envelope, "Attn: Public Hearing on Rate Increases," whether mailed or submitted in person to the District Secretary.

The Board will hear and consider all written and oral protests to the proposed rate increase at the Public Hearing on **December 16, 2020, 6:00 p.m.** Oral comments at the Public Hearing will not qualify as formal protests unless accompanied by a written protest. If there is a majority protest upon the conclusion of the Public Hearing, the Board will consider and may adopt the increased rates.

Pico Water District will also hold a virtual community meeting to provide details of the proposed rate adjustment on **November 19, 2020, 6:00 p.m.** People can participate by using the same Zoom meeting ID, Passcode and/or phone number listed above.

For more information, please contact the District office at (562) 692-3756.

Proposed Water Rates

Currently, a water customer is charged a monthly fixed rate and volumetric rates based on three usage tiers. The proposed rates include a monthly fixed charge based on a customer's meter size and one volumetric rate as shown in the table below. If approved, the new rates would take effect February 14, 2021, and each February 14 through 2025.

Volumetric Rates (All Customers)	Existing	Proposed Rates – All CCF*				
Existing Tier Structure	2020	Effective Feb 14, 2021	Effective Feb 14, 2022	Effective Feb 14, 2023	Effective Feb 14, 2024	Effective Feb 14, 2025
Tier 1 (0-8 CCF*)	\$1.30	\$1.88	\$2.00	\$2.12	\$2.25	\$2.39
Tier 2 (8-12 CCF*)	\$1.60					
Tier 3 (12+CCF*)	\$2.15					

Monthly Fixed Charges (All Customers)	Existing	Proposed Charges				
Meter Size	2020	Effective Feb 14, 2021	Effective Feb 14, 2022	Effective Feb 14, 2023	Effective Feb 14, 2024	Effective Feb 14, 2025
FIXED WATER SERVICE CHARGES						
Single Family Residential		\$16.21	\$17.19	\$18.23	\$19.33	\$20.49
5/8"	\$15.29	\$16.21	\$17.19	\$18.23	\$19.33	\$20.49
1"	\$21.05	\$35.90	\$38.06	\$40.35	\$42.78	\$45.35
1 1/2"	\$38.22	\$68.70	\$72.83	\$77.20	\$81.84	\$86.76
2"	\$61.16	\$108.07	\$114.56	\$121.44	\$128.73	\$136.46
3"	\$152.91	\$199.94	\$211.94	\$224.66	\$238.14	\$252.43
4"	\$382.26	\$331.17	\$351.05	\$372.12	\$394.45	\$418.12
6"	\$764.53	\$659.25	\$698.81	\$740.74	\$785.19	\$832.31
FIXED PRIVATE FIRE CHARGES						
1 1/2"	\$16.41	\$13.12	\$13.91	\$14.75	\$15.64	\$16.58
2"	\$16.41	\$21.00	\$22.26	\$23.60	\$25.02	\$26.53
4"	\$45.54	\$39.37	\$41.74	\$44.25	\$46.91	\$49.73
6"	\$68.86	\$65.62	\$69.56	\$73.74	\$78.17	\$82.87
8"	\$84.12	\$131.23	\$139.11	\$147.46	\$156.31	\$165.69
10"	\$106.70	\$301.84	\$319.96	\$339.16	\$359.51	\$381.09

*One hundred cubic feet of water

Future Pass-Through Adjustments for Wholesale Water Rate Increases

The proposed water rates assume that the Water Replenishment District of Southern California (WRD) will charge the following rates for groundwater: \$0.88 per hundred cubic feet (CCF) through June 30, 2021, \$0.93 per CCF through June 30, 2022, \$0.99 per CCF through June 30, 2023, \$1.04 per CCF through June 30, 2024, \$1.11 per CCF through June 30, 2025, and \$1.17 per CCF through June 30, 2026. Pursuant to California Government Code 53756, the District may pass through any additional increases in WRD rates above the projected rates listed above. Future pass-through adjustments will be implemented by increasing the District's Volumetric Rate by an amount not to exceed the level of WRD rate increases (in cents per CCF) in excess of the projected WRD rates listed above. For example, if WRD increases its rate to \$0.95 per CCF on July 1, 2021, the District's Water Volumetric Rate could be increased by up to \$0.02 per CCF, equal to the difference between \$0.95 and the projected rate of \$0.93 shown above. Prior to initiating any pass-through adjustment, the District will notify all customers at least 30 days prior to implementation.

For further details regarding the proposed rate increases to the District's water rates or for any questions you may have regarding the proposed fees that may be imposed on your parcel, please contact the District office at (562) 692-3756 and ask to speak with **Mark Grajeda, General Manager**.



PICO WATER DISTRICT • 4843 S. CHURCH STREET PICO RIVERA, CA 90660

AVISO DE PROPUESTA 218 • AVISO DE AUDIENCIA PÚBLICA SOBRE AUMENTOS EN LA TARIFA DE AGUA 16 DE DICIEMBRE DE 2020, A LAS 6:00 P. M.

Por Qué Se Necesitan Aumentos De Tarifas

Pico Water District (Distrito) proporciona servicios de agua a los contribuyentes dentro de sus límites. Si bien el Distrito se esfuerza por ser eficiente y competitivo con sus tarifas, sus costos continúan aumentando debido al reemplazo de infraestructura obsoleta y de líneas principales de tamaño insuficiente, a la perforación de nuevos pozos y a la instalación de un nuevo sistema de tratamiento para eliminar las sustancias polifluoroalquilo (PFAS), el término colectivo para un grupo de químicos sintéticos detectados en algunos de los pozos del Distrito. El Distrito propone aumentos incrementales predecibles para mantener el ritmo de estos costos. El Distrito contrató a un consultor independiente para preparar un estudio de tarifas para determinar las tarifas de usuario apropiadas para los servicios desde 2021 hasta 2026.

Los aumentos de tarifas propuestos son necesarios para permitir que el Distrito: (1) recupere los aumentos actuales y proyectados en los costos de operación y mantenimiento del sistema de agua; (2) mantenga la estabilidad operativa y financiera del Distrito; (3) evite déficits operativos y agotamiento de reservas; (4) construya mejoras de infraestructura de capital necesarias para reparar, reemplazar y actualizar los sistemas obsoletos del Distrito; (5) reemplace equipos envejecidos; y (6) cumpla con los requisitos reglamentarios estatales y federales. Para obtener más información sobre las tarifas y el análisis, consulte el Estudio de Tarifas de Agua 2020, que está disponible para su revisión en el sitio web del Distrito PicoWaterDistrict.net o si lo solicita. Si tiene alguna pregunta, comuníquese con la Oficina del Distrito al **(562) 692-3756**.

Audiencia Pública Y Protestas

La Junta del Distrito llevará a cabo una audiencia pública el 16 de diciembre de 2020, a las 6:00 p. m.

De acuerdo con el estado de emergencia actual por la COVID-19 y las órdenes ejecutivas del gobernador que suspenden temporalmente los requisitos de la Ley Brown, se utilizará teleconferencias durante esta Audiencia Pública. Los miembros del público están invitados a participar mediante la reunión de Zoom.

PARTICIPE DE LA REUNIÓN DE ZOOM EN VIVO:

<https://us02web.zoom.us/j/87906688334?pwd=N2dvekRLK2p4ZzFCMTkzQm1ELORxZz09>

ID de reunión: 879 0668 8334

Contraseña: 244481

O puede escuchar usando esta información y llamando al (669) 900-9128

Los clientes directamente responsables del pago de las tarifas o los propietarios, si son diferentes, pueden presentar una protesta por escrito contra los cambios de tarifas notificados; sin embargo, solo se contará una protesta por parcela identificada.

Cualquier protesta escrita debe: (1) identificar específicamente qué se está protestando; (2) proporcionar la ubicación de la parcela identificada (por número de parcela del tasador o dirección postal); e (3) incluir el nombre impreso y la firma de la persona que figura en cuenta de servicios públicos y es responsable de pagar la factura de servicios públicos o el dueño de la propiedad.

Las protestas por escrito deben enviarse por correo al Secretario del Distrito a **P.O. Box 758, Pico Rivera, CA 90660-0758**, o llevarse en persona utilizando el buzón ubicado en **4843 S. Church St., Pico Rivera, CA 90660-2102**, o durante la Audiencia Pública, siempre que se reciban antes de la conclusión de la parte de comentarios públicos de la audiencia pública. Para cualquier protesta, por favor identifíquese en el frente de la protesta, a la atención de: "Audiencia Pública sobre Aumentos de Tarifas," ya sea enviada por correo o entregada en persona al Secretario del Distrito.

La Junta escuchará y considerará todas las protestas escritas y orales al aumento de tarifas propuesto en la Audiencia Pública el **16 de diciembre de 2020, a las 6:00 p. m.** Los comentarios orales en la audiencia pública no calificarán como protestas formales a menos que estén acompañados de una protesta por escrito. Si no hay una protesta mayoritaria al concluir la Audiencia Pública, la Junta considerará y podrá adoptar las tarifas incrementadas.

Pico Water District también llevará a cabo una reunión virtual de la comunidad para proporcionar detalles del ajuste de tarifas propuestos el **19 de noviembre de 2020, a las 6:00 p.m.** Las personas pueden participar utilizando el mismo ID de la reunión de Zoom, código de acceso o número de teléfono de Zoom que se encuentre anteriormente.

Para obtener más información, comuníquese con la Oficina del Distrito al **(562) 692-3756**.

Tarifas De Agua Propuestas

Actualmente, a un cliente de agua se le cobra una tarifa fija mensual y tarifas volumétricas basadas en tres niveles de uso. Las tarifas propuestas incluyen un cargo fijo mensual basado en el tamaño del medidor del cliente y una tarifa volumétrica como se muestra en la tabla a continuación. Si se aprueban, las nuevas tarifas entrarían en vigencia el 14 de febrero de 2021 y cada 14 de febrero hasta 2025.

Tarifas Volumétrica (Todos Clientes)	Existente	Tarifas Propuestas: todos los CCF*				
Estructura de niveles existente	2020	Eficaz 14 de febrero de 2021	Eficaz 14 de febrero de 2022	Eficaz 14 de febrero de 2023	Eficaz 14 de febrero de 2024	Eficaz 14 de febrero de 2025
Nivel 1 (0-8 CCF*)	\$1.30	\$1.88	\$2.00	\$2.12	\$2.25	\$2.39
Nivel 2 (8-12 CCF*)	\$1.60					
Nivel 3 (12+CCF*)	\$2.15					

Cargos Fijos Mensuales (Todos Clientes)	Existente	Cargos Propuestos				
Tamaño del medidor	2020	Eficaz 14 de febrero de 2021	Eficaz 14 de febrero de 2022	Eficaz 14 de febrero de 2023	Eficaz 14 de febrero de 2024	Eficaz 14 de febrero de 2025
CARGOS FIJOS POR SERVICIO DE AGUA						
Residencial unifamiliar		\$16.21	\$17.19	\$18.23	\$19.33	\$20.49
5/8"	\$15.29	\$16.21	\$17.19	\$18.23	\$19.33	\$20.49
1"	\$21.05	\$35.90	\$38.06	\$40.35	\$42.78	\$45.35
1 1/2"	\$38.22	\$68.70	\$72.83	\$77.20	\$81.84	\$86.76
2"	\$61.16	\$108.07	\$114.56	\$121.44	\$128.73	\$136.46
3"	\$152.91	\$199.94	\$211.94	\$224.66	\$238.14	\$252.43
4"	\$382.26	\$331.17	\$351.05	\$372.12	\$394.45	\$418.12
6"	\$764.53	\$659.25	\$698.81	\$740.74	\$785.19	\$832.31
CARGOS FIJOS DE INCENDIO PRIVADOS						
1 1/2"	\$16.41	\$13.12	\$13.91	\$14.75	\$15.64	\$16.58
2"	\$16.41	\$21.00	\$22.26	\$23.60	\$25.02	\$26.53
4"	\$45.54	\$39.37	\$41.74	\$44.25	\$46.91	\$49.73
6"	\$68.86	\$65.62	\$69.56	\$73.74	\$78.17	\$82.87
8"	\$84.12	\$131.23	\$139.11	\$147.46	\$156.31	\$165.69
10"	\$106.70	\$301.84	\$319.96	\$339.16	\$359.51	\$381.09

* Cien pies cúbicos de agua

Ajustes futuros por costos para aumentos de tarifas de agua al por mayor

Las tarifas de agua propuestas asumen que el Water Replenishment District of Southern California (WRD) cobrará las siguientes tarifas por el agua subterránea: \$0.88 por cien pies cúbicos (CCF) hasta el 30 de junio de 2021, \$0.93 por CCF hasta el 30 de junio de 2022, \$0.99 por CCF hasta el 30 de junio de 2023, \$1.04 por CCF hasta el 30 de junio de 2024, \$1.11 por CCF hasta el 30 de junio de 2025 y \$1.17 por CCF hasta el 30 de junio de 2026. De conformidad con el Código de Gobierno de California 53756, el Distrito puede aprobar cualquier aumento adicional en las Tarifas de WRD por encima de las tarifas proyectadas detalladas anteriormente. Los ajustes futuros por costos se implementarán aumentando las tarifas volumétricas del distrito en una cantidad que no exceda el nivel de aumentos de tarifas de WRD (en centavos por CCF) en exceso de las tarifas de WRD proyectadas detalladas anteriormente. Por ejemplo, si WRD aumenta su tarifa a \$ 0.95 por CCF el 1 de julio de 2021, la Tarifa Volumétrica de Agua del Distrito podría incrementarse hasta \$0.02 por CCF, igual a la diferencia entre \$0.95 y la Tarifa proyectada de \$0.93 que se muestra arriba. Antes de iniciar cualquier ajuste de costo, el Distrito notificará a todos los clientes al menos 30 días antes de la implementación.

Para conocer más detalles sobre los aumentos de tarifas propuestos para las tarifas de agua del Distrito o para cualquier pregunta que pueda tener con respecto a las tarifas propuestas que se pueden imponer a su parcela, comuníquese con la oficina del Distrito al (562) 692-3756 y pida hablar con **Mark Grajeda, Gerente General**.

CONSENT ITEMS

**REGULAR MEETING OF THE BOARD OF DIRECTORS
PICO WATER DISTRICT
4843 S. Church Street
Pico Rivera, California, 90660**

6:00 P.M. Wednesday, December 16, 2020

AGENDA

9. APPROVAL OF CONSENT CALENDAR.

(All matters on the Consent Calendar are to be approved on one motion, unless a Board Member requests a separate action on a specific item).

A. Consider December 2, 2020 Regular Board Meeting Minutes.

MINUTES OF A REGULAR MEETING
OF THE BOARD OF DIRECTORS
OF THE PICO WATER DISTRICT

A Regular meeting of the Board of Directors of the Pico Water District was held in the District's Boardroom located at 4843 South Church Street, Pico Rivera, California, on Wednesday, December 2, 2020 at 6:03 p.m.

The District's Secretary/General Manager, Mr. Mark J. Grajeda proceeded with the roll call of the attending Board members. Present from the beginning of the meeting were President David R. Gonzales, while Director Robert A. Martinez, Director Barbara K. Rapisarda, Director Victor Caballero, and Vice President Lara appeared telephonically, in adherence to social distancing and Mr. Jim Ciampa, Legal Counsel for the District appeared electronically. Director-elect E.A. Pete Ramirez appeared telephonically. There were four members of the public also participating via Zoom.

President Gonzales presided over the meeting and led everyone in the Pledge of Allegiance.

Mr. Ramirez gave the invocation.

President Gonzales inquired if there were any public comments. Ms. Martha Camacho Rodriguez thanked the Board for meeting tonight and is hopeful that good decisions are made regarding the community. Ms. Sara P. Huezo requested that the Board consider action to clean the water of contaminants. Joey from Downey stated that the water in Pico and the surrounding cities is contaminated with PFO and PFA. Ms. Leticia Vasquez Wilson stated that she is concerned about selling contaminated water to Pico customers.

President Gonzales proceeded to the adoption of the Agenda. Director Rapisarda made the motion to adopt the Agenda and President Gonzales seconded the motion. The General Manager announced the motion passed by roll-call vote, 5 – 0.

President Gonzales proceeded to the approval of the Consent Calendar. Director Martinez made the motion to approve and Director Caballero seconded the motion. The General Manager announced the motion passed by roll-call vote, 5 – 0.

President Gonzales proceeded to the next item on the Agenda, consider the proposed 2021 Operating Budget, Organizational Chart and Capital Improvement Projects. The General Manager reviewed the proposed budget and informed the Board that the proposed budget does not take into account any monies applied for with the Water Reclamation District nor any operating costs associated with placing treatment plants for PFOS and PFOA online. He further discussed the Capital Improvement Projects budgeted. Director Martinez made the motion to approve the 2021 Budget and Director Caballero seconded the motion. The General Manager announced the motion passed by roll-call vote, 5 – 0.

President Gonzales proceeded to the next item on the Agenda, General Manager's report. Well 11 continues to operate well, the District received the Conditional Use Permit from the Health Department to operate the well, the plaque was installed at the site and once the District is able to safely hold a ceremony the Board will be informed; Beverly Blvd. Pipeline Project – J. DeSigio has secured their encroachment permit from the City of Pico Rivera ("City") and are scheduled to begin construction on Friday, December 4th and is scheduled to be completed in February 2021. A

preconstruction meeting will be held on Thursday, December 3rd with the District, DeSigio and the City; The Board meeting on December 16, 2020 will include a public hearing regarding proposed rate increase and action to consider increasing the rates. This request is being made in response to the District's plan to construct treatment sites at 3 wells to treat PFOS and PFOA. AKM Consulting has evaluated the District's need for treatment and is readying the information so bid documents can go out before the end of the year, with the Board accepting a bid proposal by late January or early February; and finally, this is Director Rapisarda's last meeting as a Director. She has been on the Board for 5 years and the District has accomplished many great things during her tenure, including the first well to be drilled in over 35 years. We will miss you and wish you good luck in the future.

President Gonzales proceeded to the next item on the Agenda, Legal Counsel report. Mr. Ciampa thanked Director Rapisarda and wished her the best in her future endeavors.

Mr. Ramirez also thanked Director Rapisarda for her service and expressed his pleasure of working with her in the past.

President Gonzales proceeded to the next item on the Agenda, Director's request for future agenda items. There were none.

President Gonzales proceeded to the next item on the Agenda, Director report on meetings attended. There were none.

President Gonzales proceeded to the next item on the Agenda, Director comments. President Gonzales echoed previous sentiments in thanking Director Rapisarda for her time on the Board. Director Rapisarda stated that it was an honor to serve as a Director on the Board for the last 5 years. She thanked the Board, the General Manager, Legal Counsel and District Staff for their service and hard work during her tenure and wished everyone the best. She insisted that those people who are truly concerned with chemical contaminations to take their concerns to the legislatures in power and look at the entire picture, not just Pico Water District. Vice President Lara also thanked Director Rapisarda for her service, the causes she championed for and her perspective on issues. Director Martinez thanked Director Rapisarda for her service and wished her well on her retirement. He also congratulated Director-elect Mr. Ramirez on his election to the Board.

Closed Session was not held.

There being no further business to come before the Board, the Board meeting adjourned at 6:44 p.m.

David R. Gonzales, President

Attest:

Mark J. Grajeda, Secretary

(Seal)

ACTION ITEMS

**REGULAR MEETING OF THE BOARD OF DIRECTORS
PICO WATER DISTRICT
4843 S. Church Street
Pico Rivera, California, 90660**

6:00 P.M. Wednesday, December 16, 2020

AGENDA

10. ACTION ITEMS.

- A. Consider Selection of New Board Officers – President, Vice President, Board Secretary and Board Treasurer. *Recommended Action – To Be Considered at the Board Meeting*

STAFF REPORT

To: Honorable Board of Directors
From: Mark Grajeda, General Manager
Meeting Date: December 16, 2020
Subject: Action Item 10A – Consider the selection of Board Officers – President, Vice President, Board Secretary and Board Treasurer

RECOMMENDATION

To be discussed at the Board Meeting.

FISCAL IMPACT

No impact.

SUMMARY

District Rules and Regulations call for the Board to take action to select new Board officers – President, Vice President, Board Secretary and Board Treasurer at the second meeting in December. The Board will choose from amongst fellow Board members the President and Vice President and for Board Secretary and Treasurer normally will choose the General Manager for Board Secretary and a member of office staff; in this case I am recommending the Office Manager – Lorraine Laible.

**REGULAR MEETING OF THE BOARD OF DIRECTORS
PICO WATER DISTRICT**

4843 S. Church Street
Pico Rivera, California, 90660

6:00 P.M. Wednesday, December 16, 2020

AGENDA

10. ACTION ITEMS.

- B. Consider Cancelling the Regular Scheduled Board Meeting on January 6, 2021 and Rescheduling to the Following Week. *Recommended Action – that the Board approve moving the regularly scheduled meeting from January 6, 2020 to January 13, 2021.*

STAFF REPORT

To: Honorable Board of Directors

From: Mark Grajeda, General Manager

Meeting Date: December 16, 2020

Subject: Action Item 10B – Consider Canceling the Regular Scheduled Board Meeting for January 6, 2021

BACKGROUND

Due to the unavailability of the Office Manager and the New Year Holiday on Friday, January 1, 2020 the Board needs to consider canceling the January 6, 2021 Board Meeting and reschedule to a different day. The recommendation from staff is that the Board reschedule the meeting to Wednesday January 13, 2021.

FISCAL IMPACT

None.

RECOMMENDED MOTION

That the Board cancel the regular scheduled meeting of January 6, 2021 and reschedule to Wednesday January 13, 2021 at 6:00 p.m.

INFORMATIONAL ITEMS

**REGULAR MEETING OF THE BOARD OF DIRECTORS
PICO WATER DISTRICT
4843 S. Church Street
Pico Rivera, California, 90660**

6:00 P.M. Wednesday, December 16, 2020

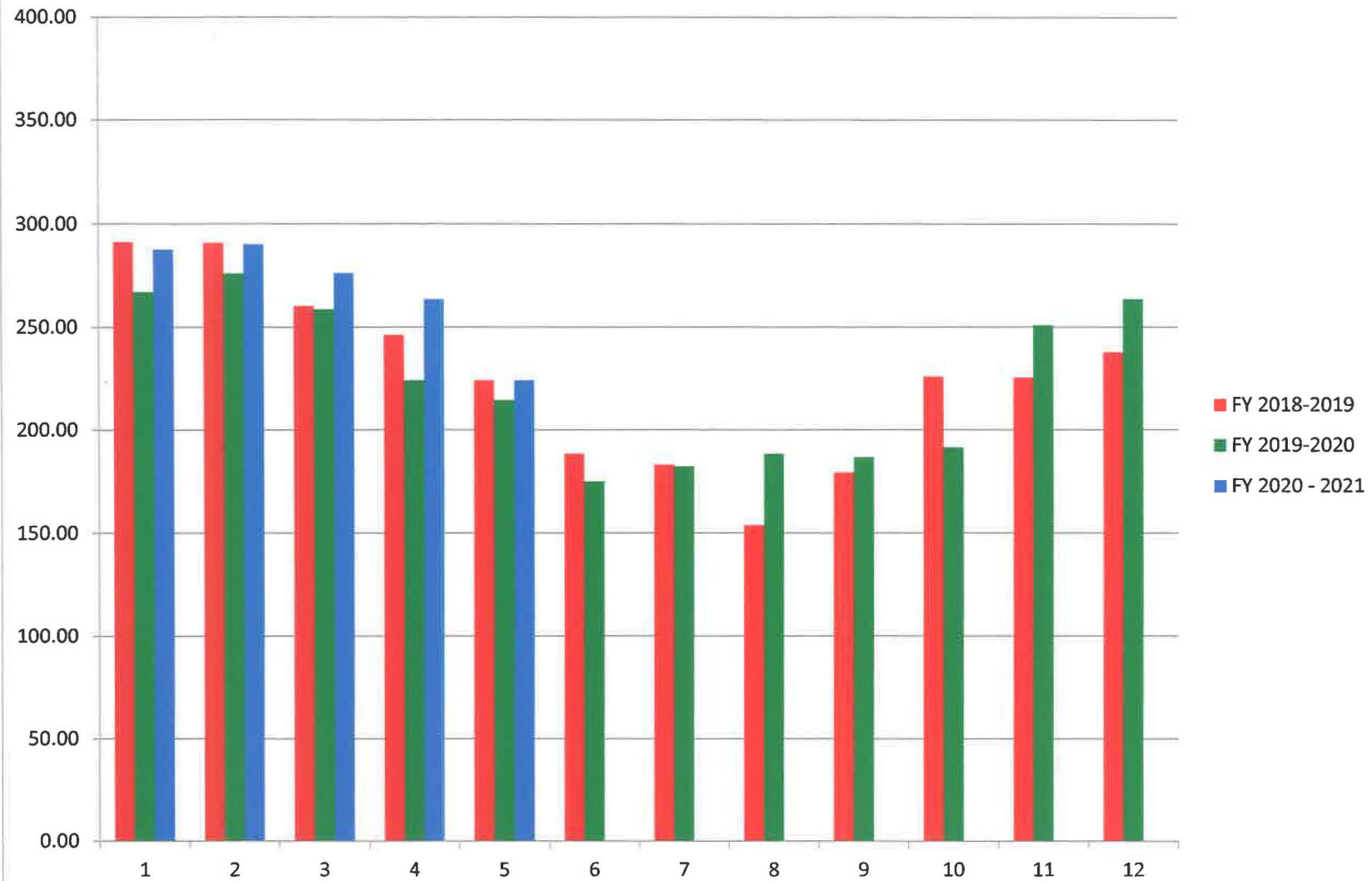
AGENDA

12. INFORMATIONAL ITEMS.

- A. Production & Water Level Report.
- B. Monthly Activity Report.
- C. Reservoir Conditions – November 13, 2020 and December 11, 2020.

Acre Feet

PWD Water Production per Fiscal Water Year



WATER LEVELS REPORT

Water Levels for November 2020

Listed below are the water levels for the two key monitoring wells used by the Water Replenishment District of Southern California (WRD), and the District's active wells.

WRD is charged with monitoring the water levels in both the Central Basin and West Coast Basin, and with making sure both basins are replenished annually. As a means of monitoring the levels in both basins WRD measures the depth of water in two specific wells, 1601T located in between the San Gabriel River and the Rio Hondo spreading grounds, and the second Carson #1 located in the City of Carson. WRD compares the levels of these two wells month to month, and year to year as a means of gaging the reliability of both basins (levels listed are in feet below surface).

	November 2020	November 2019
Central Basin 1601T	90	94.8

Listed below are the static and pumping levels (in feet below surface) for the District's four active wells, and pump settings (depth).

	November 2020		November 2019		
	<u>Static</u>	<u>Pumping</u>	<u>Static</u>	<u>Pumping</u>	<u>Pump depth</u>
Well #4	62	131	87	132	150
Well #5	94	105	117	134	242
Well #8	95	112	111	129	243
Well #10	54	79	74	93	182
Well #11	87	104	NA	NA	

NOTE:

Annual Activity Report

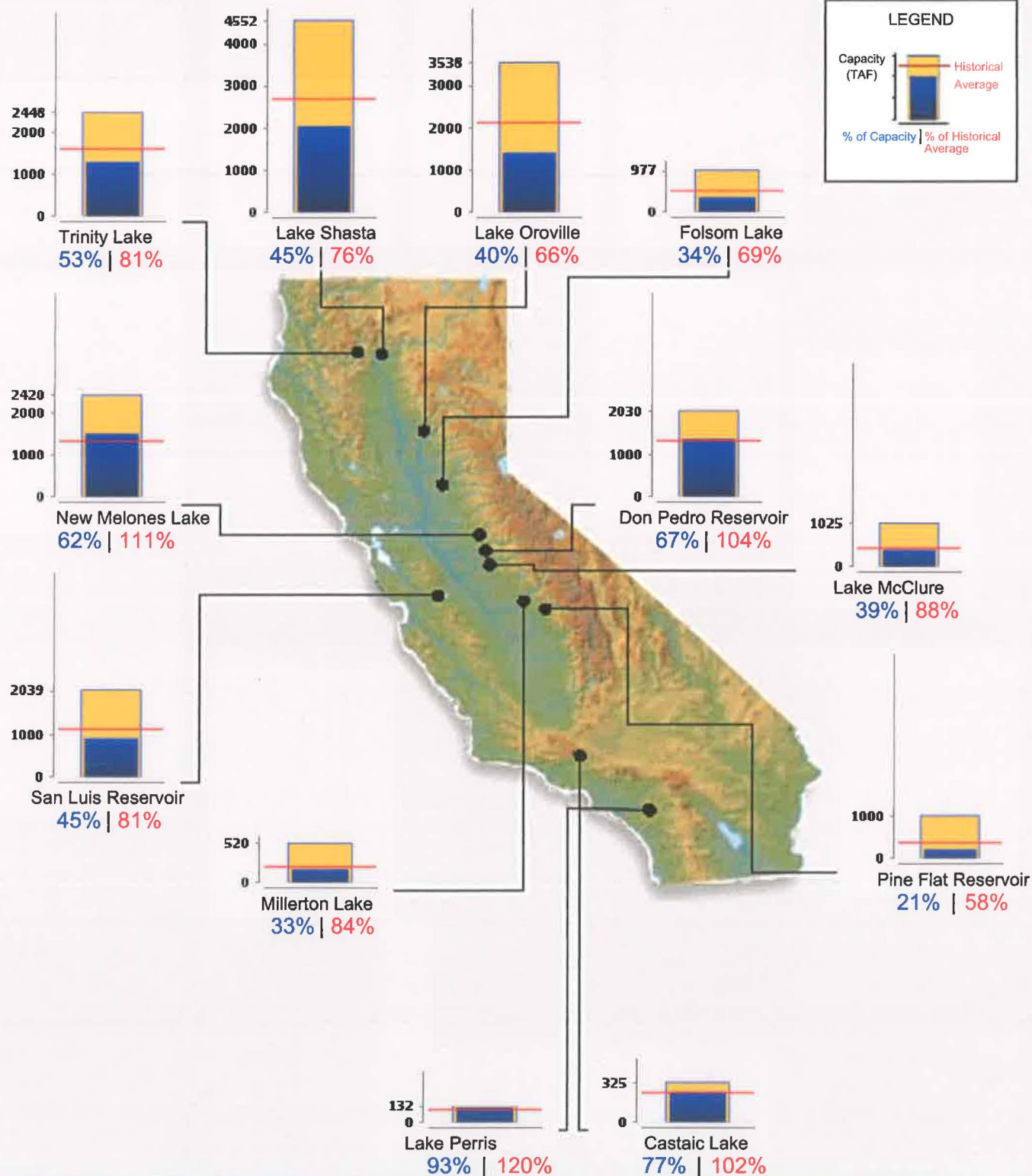
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Reservoir Conditions

Ending At Midnight - November 11, 2020

CURRENT RESERVOIR CONDITIONS





Reservoir Conditions

Ending At Midnight - December 8, 2020

CURRENT RESERVOIR CONDITIONS

