



# Sonoma Water

Clean. Reliable. Essential. Every day.

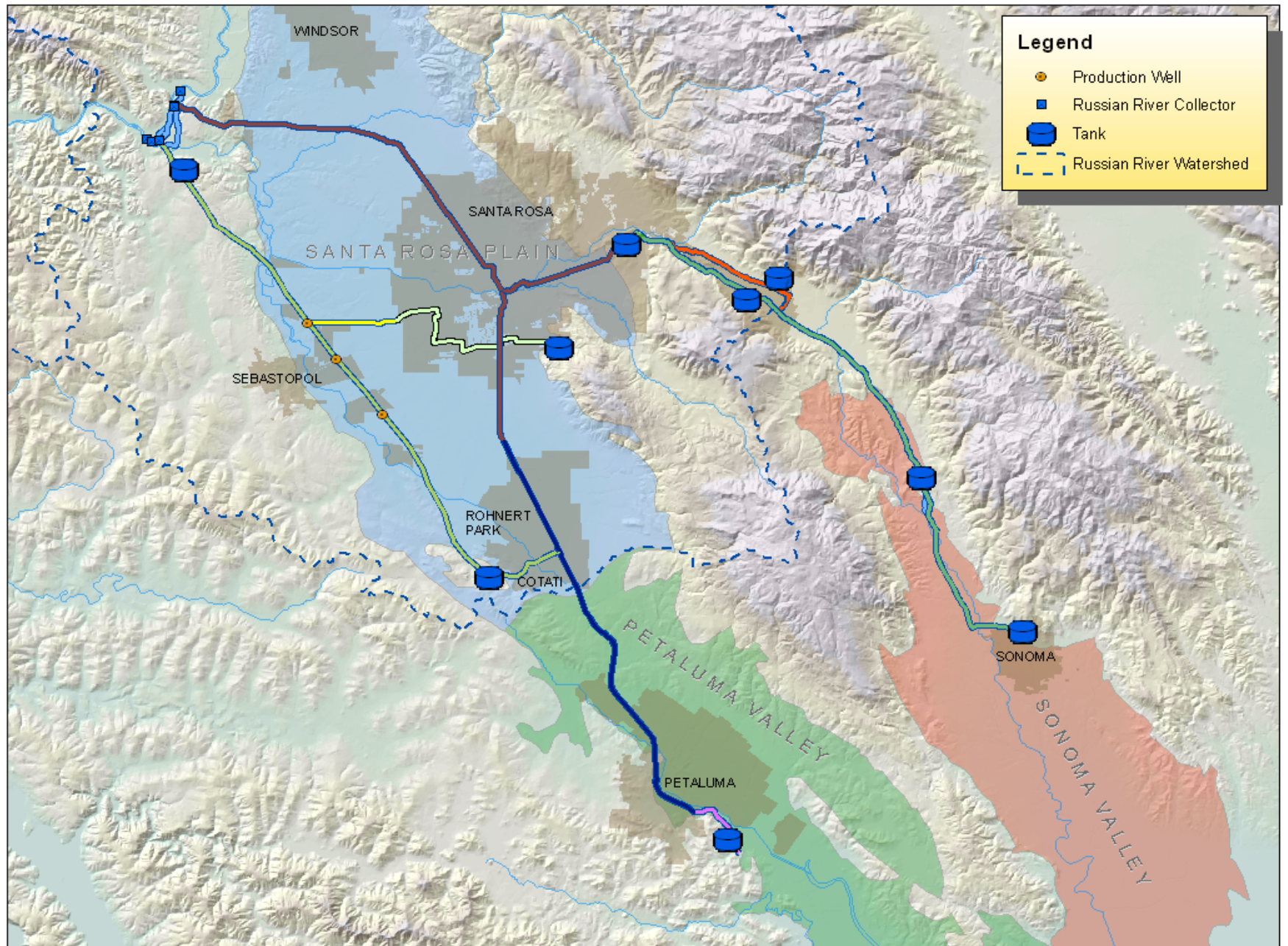
## FY 2023-2024 Proposed Budget and Rates Water Transmission System

Lynne Rosselli  
ADMINISTRATIVE SERVICES  
DIVISION MANAGER  
[Lynne.Rosselli@scwa.ca.gov](mailto:Lynne.Rosselli@scwa.ca.gov)

Jake Spaulding  
FINANCE MANAGER  
[Jake.Spaulding@scwa.ca.gov](mailto:Jake.Spaulding@scwa.ca.gov)

    [sonomawater.org](http://sonomawater.org)





# Transparent and collaborative process to bring rates to Board of Directors by end of April

Technical  
Advisory  
Committee  
(Jan-March)

Water  
Contractor  
Boards &  
Councils  
(March)

Water  
Advisory  
Committee  
(April)

Sonoma  
Water Board  
of Directors  
(April)





# Budget includes multiple water transmission system activities and funds

- Operations and Maintenance
- Four Subfunds
- Five Capital Funds
- Debt Service Funds



# Challenges

- Aging Infrastructure
- Maintenance Needs
- Increased Repairs
- Natural Hazard Vulnerabilities



# \$6.34 million budgeted for hazard mitigation projects to reduce risks

Bennett Valley Fault Crossing

Ely Booster Pump Station Flood Mitigation

RDS Pump and Motor Control Center Replacement

Seismic Retrofit of Storage Tanks

Wilfred Booster Station





# \$5.94 million budgeted for other capital projects to increase resiliency

Kawana-Ralphine SBS Pipeline Acquisition  
(SE Greenway)

Mirabel/Wohler Storage Building

Occidental Road and Sebastopol Road Wells

Ralphine Tanks Flow Thru Conversion

Warm Springs Dam Hydroturbine Retrofit

Wohler Bridge Fiber Optic Cable

Total FY23-24 Capital Budget  
including Hazard Mitigation Projects:  
\$12.28M



# \$40.4 million budgeted for operations and maintenance to protect, improve and maintain system reliability

## **Projects**

Aqueduct Cathodic Protection

Collector Well, Pump, Pipeline, Valve Rehabilitations/Replacements

Emergency Inventory Procurement

Tank Recoats & Tank Maintenance Program

## **Studies**

DeMuth Property Hydrogeologic Investigation

Groundwater Banking Feasibility Study

Regional Water Supply Resiliency Study

Transmission System Modeling & Condition Assessments Programs





# \$9.78 million for Biological Opinion, Water Supply Planning and Water Conservation



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RUNNING?  
BETTER CATCH IT!**

A leaky toilet is no joke and could cost you a lot of \$\$\$

**TAKE THE DYE TAB CHALLENGE**

Test your toilet(s) to see if you have a sneaky leak.

**SHARE YOUR RESULTS**

Visit us online to enter your toilet test results and be entered to win a \$25 gift card.

REQUEST FREE DYE TABS



[SavingWaterPartnership.org/challenge](http://SavingWaterPartnership.org/challenge)



# Expenditures compared to FY 22-23

	FY22-23	FY23-24	
	Budget (in Millions)	Budget (in Millions)	Change (in Millions)
Operations and Maintenance	\$38.68	\$40.41	\$1.73
Capital Projects	\$13.25	\$12.28	(\$0.97)
BO Compliance, Water Supply Planning, Water Conservation	\$13.89	\$9.78	(\$4.11)
Debt Service	\$6.01	\$5.83	(\$0.18)
Totals	\$71.83	\$68.30	(\$3.53)

Grants, Use of Fund Balance,  
and Bond Proceeds

\$15.31

\$18.15

\$2.84

# FY 23-24 Budgeted Expenditures

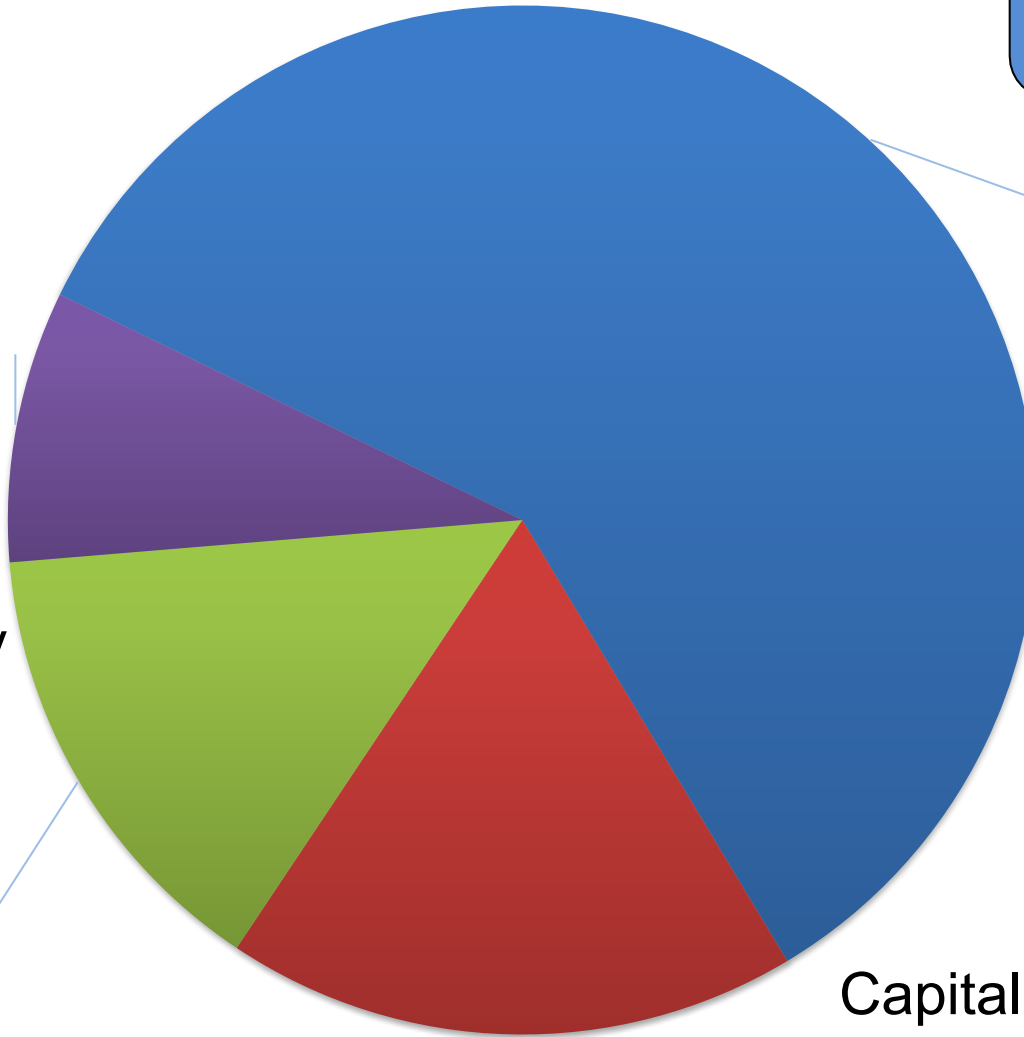
Grants, Bond  
Proceeds, and Use of  
Fund Balance  
\$18.15 Million

Debt Service  
\$5.83 Million,  
9%

BO  
Compliance,  
Water Supply  
Planning,  
Water  
Conservation  
\$9.78 Million,  
14%

Operations and  
Maintenance  
\$40.41 Million,  
59%

Capital Projects  
\$12.28 Million,  
18%





# Example of how rates are calculated

$$\frac{\$49,090,000}{41,847 \text{ AF}} = \$1,173/\text{Acre Foot}$$

Water Sold = Lesser of:

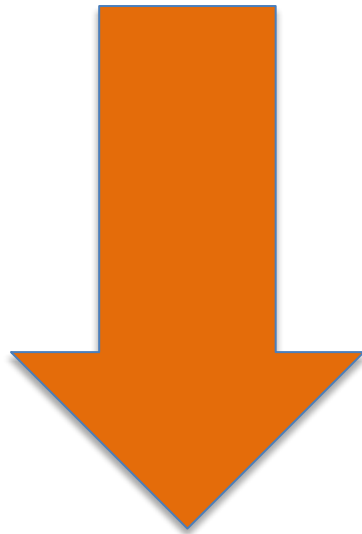
45,128 AF

or

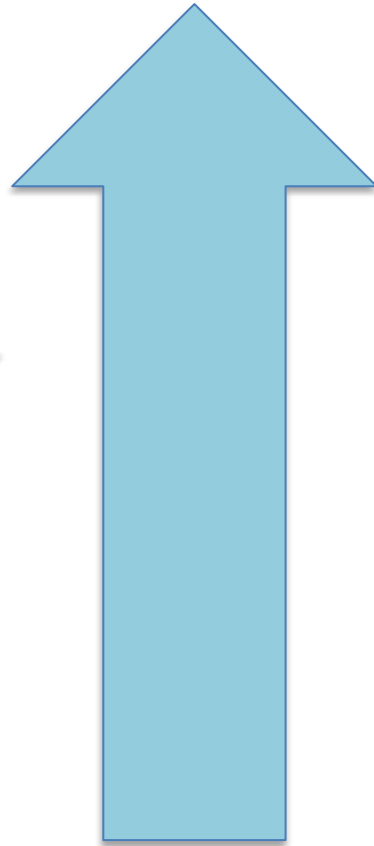
41,847 AF



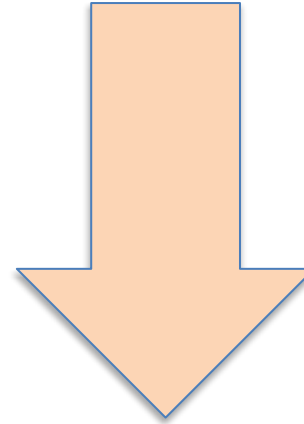
# Steps taken to reduce budget and rate



Deferred non-routine maintenance projects = \$2.44 million



Use of grants, bond proceeds, and fund balance = \$18.15 million



Water contractors further reduced rates by cutting discretionary aqueduct capital charges

## **Result:**

Rate increase dropped from over 20% to 10.56%

Total cost per gallon is \$0.004



# Proposed Rates for FY 23-24

Charge / Aqueduct	Santa Rosa	Petaluma	Sonoma
Deliveries (Acre-Feet)	41,847		
O&M	\$903.30	\$903.30	\$903.30
Water Management Planning	\$0.00	\$0.00	\$0.00
Watershed Planning & Restoration	\$35.96	\$35.96	\$35.96
Recycled Water and Local Supply	\$0.00	\$0.00	\$0.00
Water Conservation	\$54.08	\$54.08	\$54.08
<b>Total O&amp;M</b>	<b>\$993.34</b>	<b>\$993.34</b>	<b>\$993.34</b>
Storage & Common Bond/Loan Charges	\$168.75	\$168.75	\$168.75
Sonoma Aqueduct Bond/Loan Charge			\$151.68
<b><i>Prime Contractors</i></b>	\$1,162.09	\$1,162.09	\$1,313.77
<b><u>Discretionary Charges</u></b>			
Capital Charges - to build fund balance for future projects	\$11.00	\$0.00	\$34.90
<b><i>Prime Contractors</i></b>	\$11.00	\$0.00	\$34.90
<b><i>Total Prime Contractors</i></b>	<b>\$1,173.09</b>	<b>\$1,162.09</b>	<b>\$1,348.67</b>
Total Overall Increase:	10.56%	9.42%	10.56%



# Long Range Financial Plan

## Estimated \$317.4 Million in Projects to 2030

Capital Projects on Petaluma Aqueduct	Estimated Costs (in Millions)
Ely Booster Pump Station Hazard Mitigation	0.3
Petaluma River Crossing Hazard Mitigation	8.7
Wilfred Booster Pump Station Hazard Mitigation	3.1

Water Contractors Each Pay a Share of these Estimated Costs	Estimated Costs (in Millions)
Hazard Mitigation Projects	64.4
Resiliency Projects	115.1
Maintenance Projects	124.0
Biological Opinion Dry Creek Habitat Enhancement	1.8



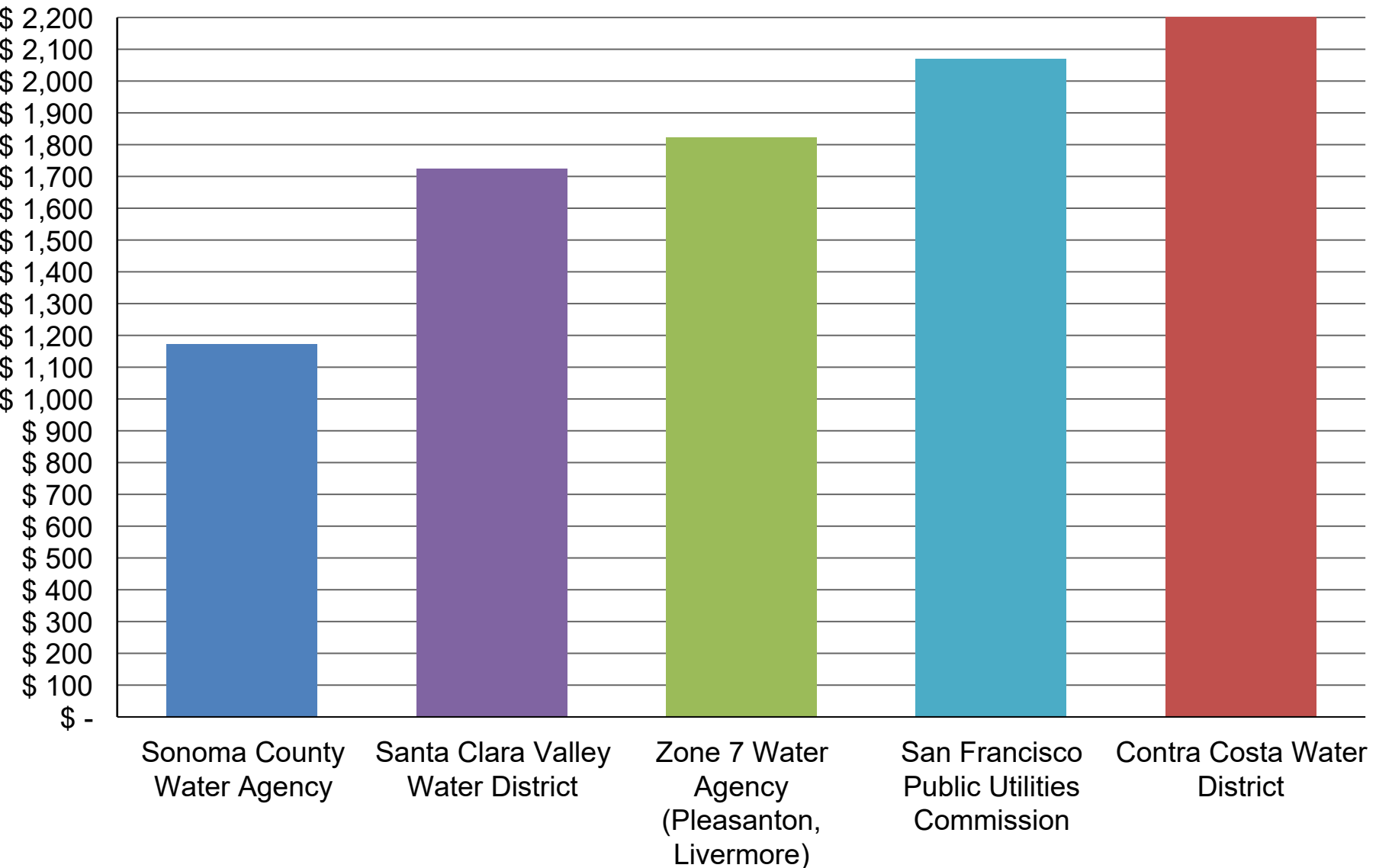
# Long Range Financial Plan

## Example Petaluma Aqueduct Rate Scenario

- Assumes Water Demand Growth of 1.5% based on 2020 Deliveries to 56,000 AF in 2035. Higher Deliveries would reduce rates.
- Assumes no Grant Funding. Grant Funding would reduce rates.
- Rates affected by Inflation, \$7 Million more in project costs annually compared to last fiscal year, and 3 years of Drought.



# 2023 wholesale water rates per Acre-Foot





# Next steps

- Presentations upon Request to City and Town Councils, and Water District Boards in March
- Water Advisory Committee Vote – April 3
- Adoption by Sonoma Water's Board – April 18





Lynne Rosselli  
Administrative Services Division Manager  
[Lynne.Rosselli@scwa.ca.gov](mailto:Lynne.Rosselli@scwa.ca.gov)

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[Jake.Spaulding@scwa.ca.gov](mailto:Jake.Spaulding@scwa.ca.gov)

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