

NOTICE AND AGENDA

WEDNESDAY, MAY 17, 2017 4:00 P.M. FALLBROOK PUBLIC UTILITY DISTRICT 990 E. MISSION RD., FALLBROOK, CA 92028 PHONE: (760) 728-1125

If you have a disability and need an accommodation to participate in the meeting, please call the Secretary at (760) 728-1125, ext. 1130 for assistance so the necessary arrangements can be made.

Writings that are public records and are distributed during a public meeting are available for public inspection at the meeting if prepared by the local agency or a member of its legislative body or after the meeting if prepared by some other person.

I. PRELIMINARY FUNCTIONS

CALL TO ORDER / ROLL CALL / ESTABLISH A QUORUM

PLEDGE OF ALLEGIANCE

ADDITIONS TO AGENDA PER GC § 54954.2(b)

APPROVAL OF AGENDA

PUBLIC COMMENT

- II. ACTION CALENDAR / WORKSHOP -----(ITEM A)
- A. FINANCIAL PLANNING AND RATE STUDY WORKSHOP WITH RAFTELIS
- III. ADJOURNMENT OF MEETING

DECLARATION OF POSTING

I, Mary Lou West, Secretary of the Board of Directors of the Fallbrook Public Utility District, do hereby declare that I posted a copy of the foregoing agenda in the glass case at the entrance of the District Office located at 990 East Mission Road, Fallbrook, California, at least 24 hours prior to the meeting in accordance with Government Code § 54956.

I, Mary Lou West, further declare under penalty of perjury, under the laws of the State of California, that the foregoing is true and correct.

May 11, 2017 Dated / Fallbrook, CA Secretary Board of Directors



Fallbrook Public Utility District 2016 Rate Study

Board Workshop Rate Workshop

May 17, 2017



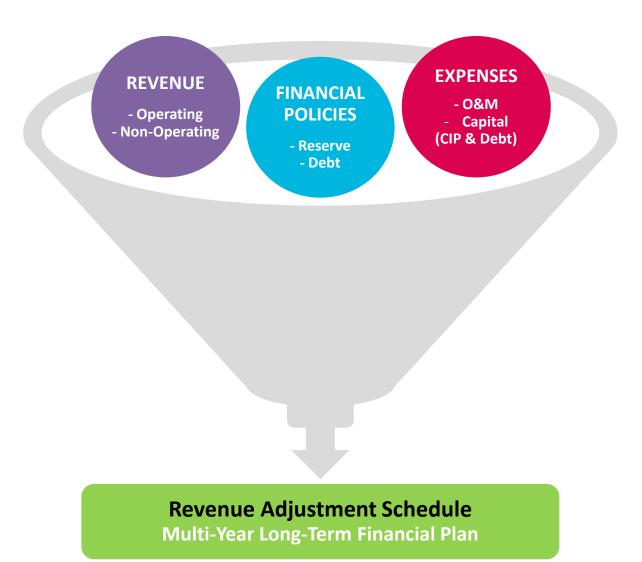
AGENDA

- 1. Financial Plan Development
 - a) Wastewater (WW)
 - b) Water
 - c) Recycled Water (RW)
- Wastewater Rate Discussion
- Water Rate Design Discussion
 - a) Rate Structure Framework
 - b) Tier Definitions
 - c) Rate Justification Framework
 - d) Preliminary Rates and Impacts
- Recycled Water Rate Discussion
- 5. Proposed Drought Rates

Financial Plan Development



FINANCIAL PLAN OVERVIEW





REVISED FINANCIAL POLICY

ESTABLISHED DURING DEC 2016 FINANCE COMMITTEE WORKSHOP

Target Reserves			FY 2017
Water Working capital (MIN)	3 months	of O&M including Water Costs	\$4.929M
Water Rates Stabilization**	2 years	debt service of SMCUP	\$0.00
Water Capital Fund	3 years	of CIP *	\$10.507M
Total Water Fund		As of Jul 2016 = \$11.888M	\$15.436M
Recycled Water Working Capital (MIN)	3 months	of O&M	\$0.252M
Recycled Water Capital Fund	3 years	of CIP *	\$0.388M
Total RW Fund		As of Jul 2016 = \$0.749M	\$0.640M
WW Working Capital (MIN)	3 months	of O&M	\$1.282M
WW Rate Stabilization	10%	Revenues	\$0.784M
WW Capital Fund	3 years	of CIP *	\$2.541M
Total WW Fund		As of Jul 2016 = \$2.444M	\$4.607M
TOTAL WHOLE FPUD	292 days cash	As of Jul 2016 = \$15.082M	\$20.680M

^{*}CIP, excluding one time projects:

Water CIP excludes : Santa Margarita Conjunctive Use

Recycled Water CIP excludes: East Line Extension & 'Construction'

^{**} If SMCUP realization starts during the projection period (2017-2027)

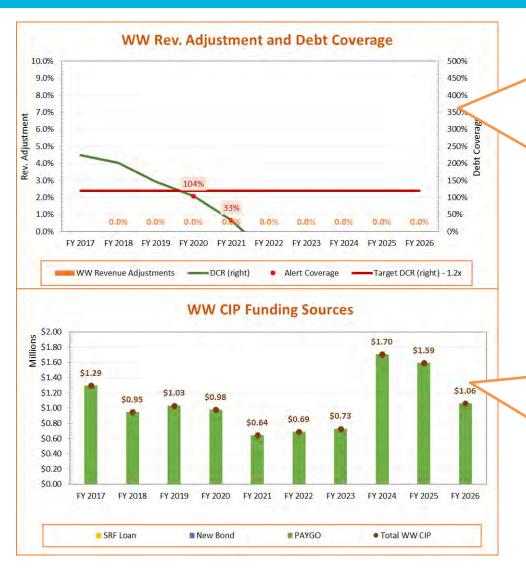


FINANCIAL PLAN KEY ASSUMPTIONS

- 1. Increase Water Capital Improvement Charges (CIC) annually by ENR + 3% (~6% per year)
- Increase WW Capital Improvement Charges (CIC) annually by ENR (~3% per year)
- Continue to Pass-through MWD RTS and CWA IAC costs via MWD RTS and CWA IAC rates
- 4. MWD & CWA Rates Increases: 10% per year
- 5. Water Sales Projections: 8,661 AF in FY 2017 to 8,779 AF in FY 2026
- RW Sales Projections: 750AF in FY 2017 to 850 AF in FY 2018 and beyond
- 7. RW also fund a portion (30%) of WRP Debt Service
- 8. CalPERS UL increased by \$3M (\$600K per yr for FY 2022–2026)
- New Rates effective every January



STATUS QUO – NO REV INCREASE



WW Revenue Adjustments and Debt Coverage

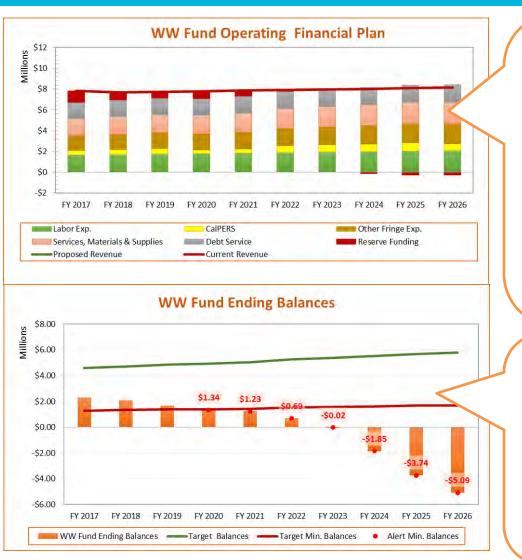
- Orange bars No Revenue Adjustment (left axis)
- Red line Target debt coverage 120% (right axis)
- ➤ Green line Projected debt coverage for Whole FPUD (right axis)
- Red dot Alert coverage when falling below target

WW CIP & Funding Sources

- > Yellow bar SRF Loan
- Blue bar New Bond
- ➤ Green bar PAYGO
- **▶** Brown dot − Total WW CIP



STATUS QUO – NO REV INCREASE



Operating Financial Plan

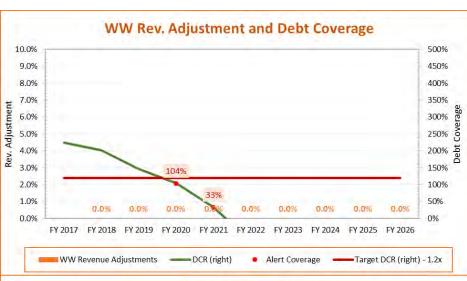
- ➤ Lines revenues
 - Red current rates
 - ➢ Green proposed rates (no revenue adjustments → same as current)
- > Stacked bars Expenses
 - ➤ Green— Labor Expenses
 - > Yellow CalPERS Expenses
 - Dark Yellow Other Fringe Expenses
 - ➤ Light Orange Service, Materials & Supplies
 - ➤ Grey Debt Service
 - Red Reserve Funding (+) or Funding from Reserve (-)

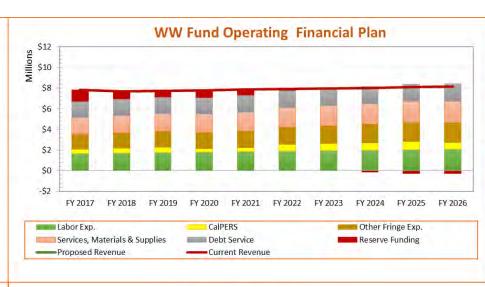
Projected Reserve Balances

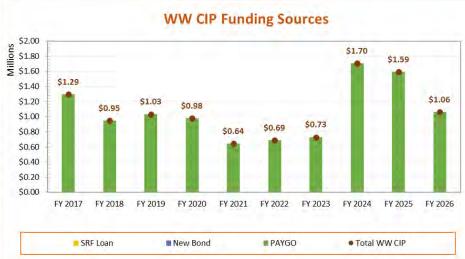
- Orange bars Projected ending fund balances
- Green line Target balances
- ▶ Red line Minimum target balances (3 months of O&M)
- ➤ Red dot alert balances when ending balances fall below target levels

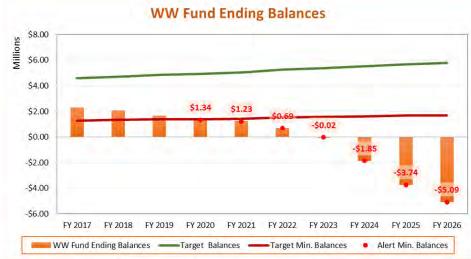


STATUS QUO – NO REV INCREASE



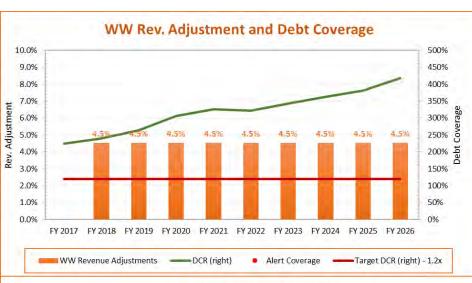


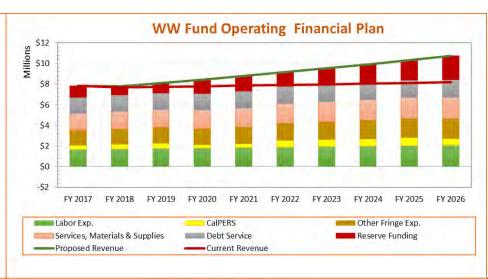




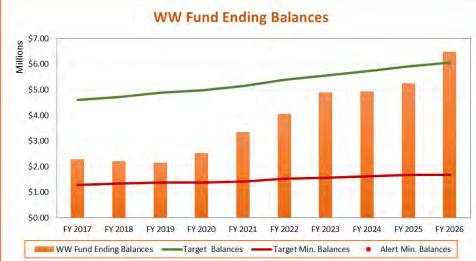


PROPOSED - RATE INCREASES IN JANUARY









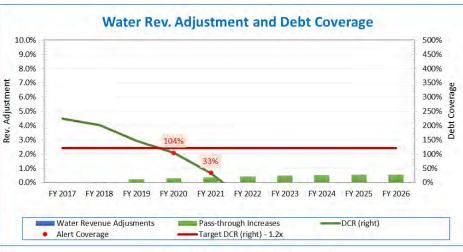


WATER FINANCIAL PLAN SCENARIOS

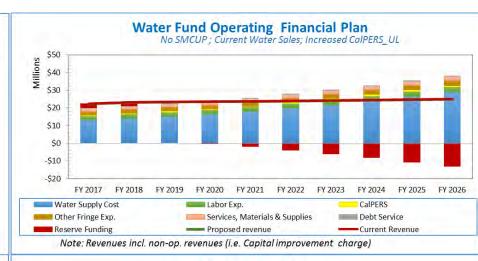
		Proposed Rev Adjustments	Water Sales	SMCUP Production	New SRF Loan
0	Status Quo	0%	~ 8,700AF	N/A	None
1	Proposed No SMCUP	8.0% / yr	~ 8,700AF	N/A	None
2	Proposed SMCUP Avg	8.0% / yr	~ 8,700AF	Average (3,200 AF)	\$45M
3	Proposed SMCUP Low	8.0% / yr	~ 8,700AF	Low (2,400 AF)	\$45M
4	Proposed SMCUP Avg w/ Pessimistic Sales	8.0% / yr	~ 5,000AF	Average (3,200 AF)	\$45M

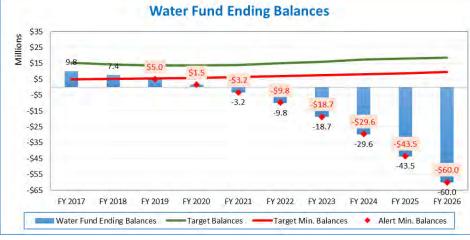


STATUS QUO – NO REV INCREASE, NO SMCUP



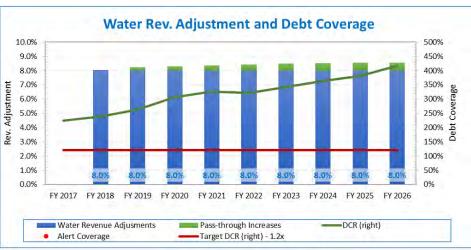


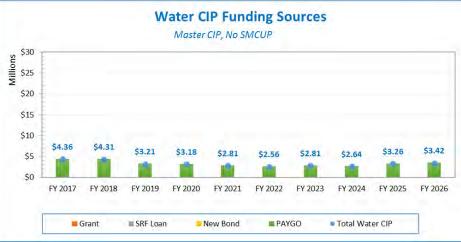


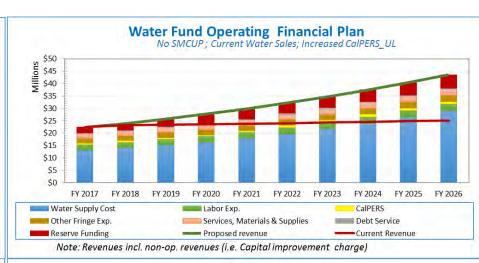


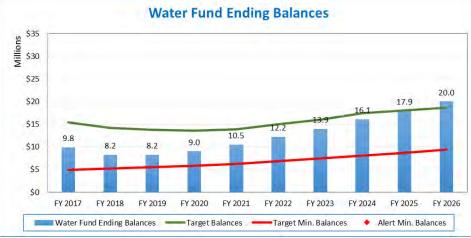


Scenario 1 – Proposed Rev Increase and No SMCUP



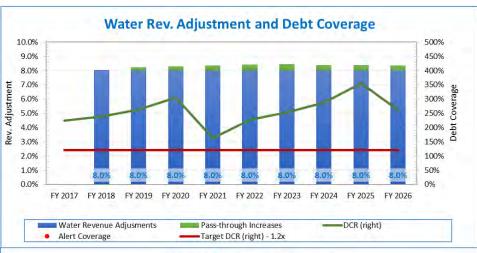


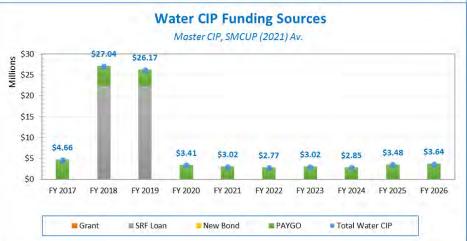


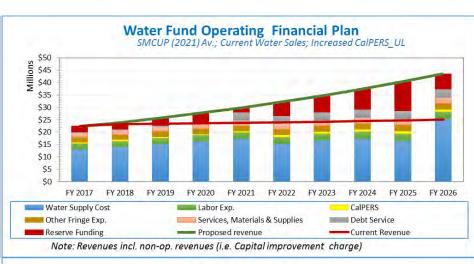


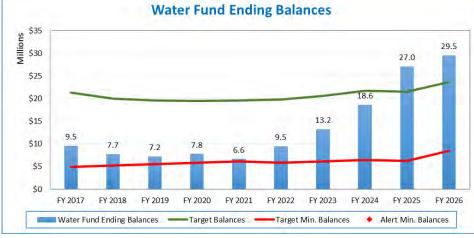


Scenario 2 – Proposed Rev Increase and SMCUP Average Scenario



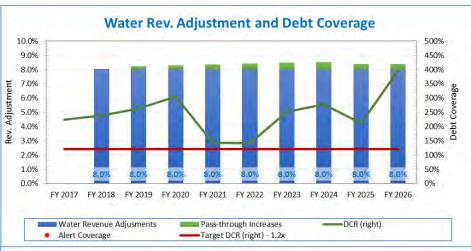


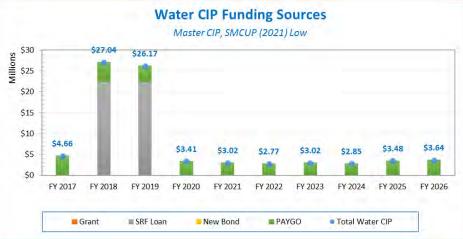


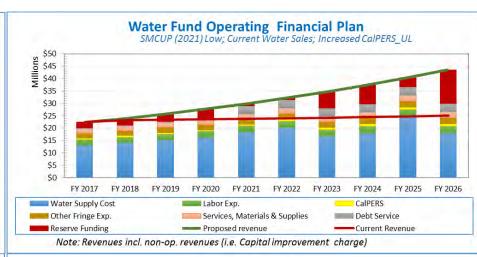


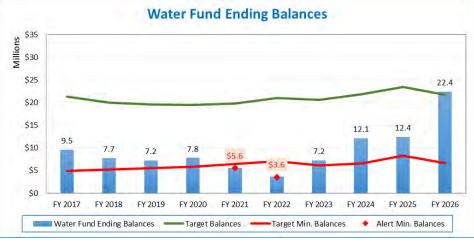


Scenario 3 – Proposed Rev Increase and SMCUP Low Scenario



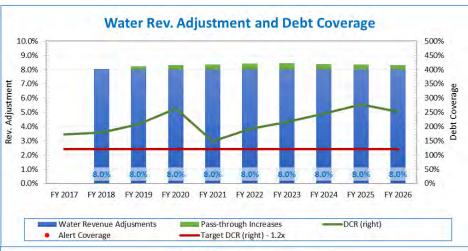


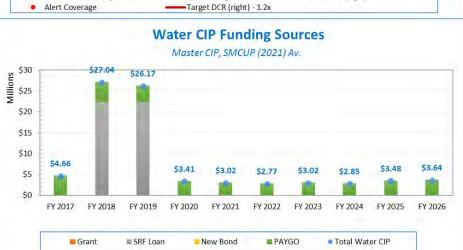


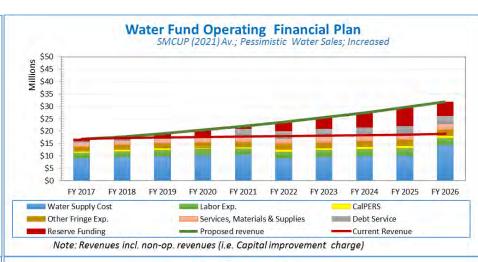


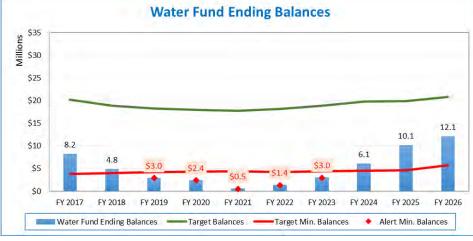


Scenario 4 – Proposed Rev Increase, SMCUP Average and Pessimistic Demand (~5,000AF)











SMCUP PROJECT IMPACTS

Water Fund Ending Balances Comparison





■ No SMCUP ■ SMCUP Average ■ SMCUP Low

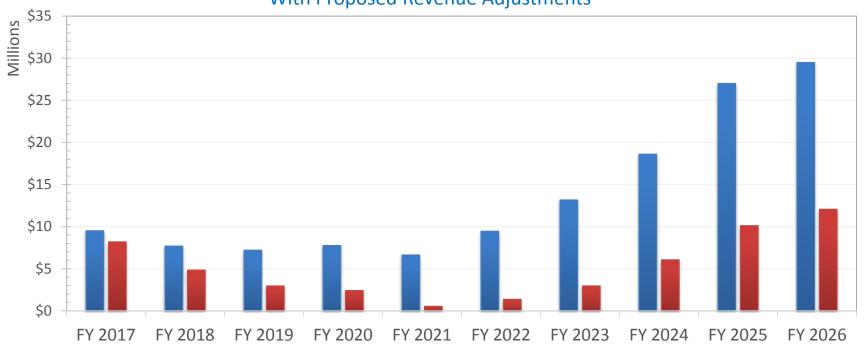


WATER SALES IMPACTS

ALL SCENARIOS WITH SMCUP 2021 AVG PRODUCTION

Water Fund Ending Balances Comparison



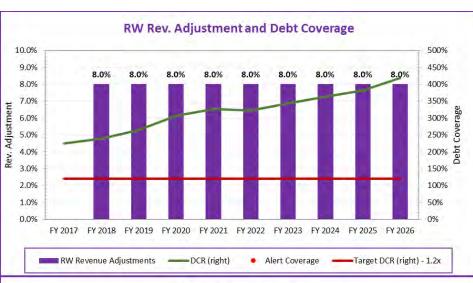


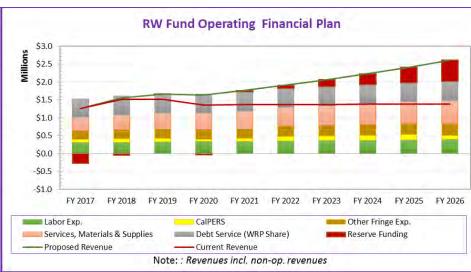
■ SMCUP Avg, Sales 8,700AF

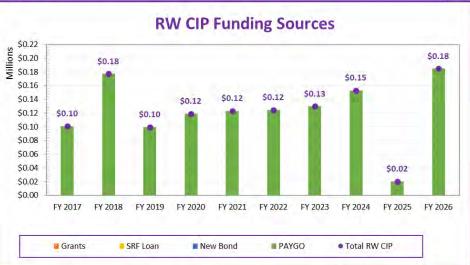
■ SMCUP Avg, Sales 5,000AF

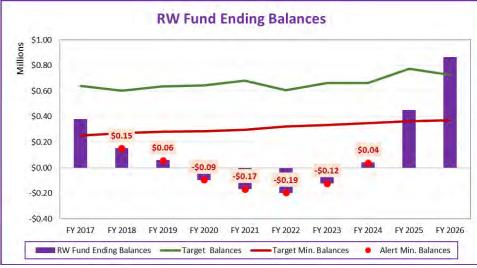


Proposed — Rate Increases in January





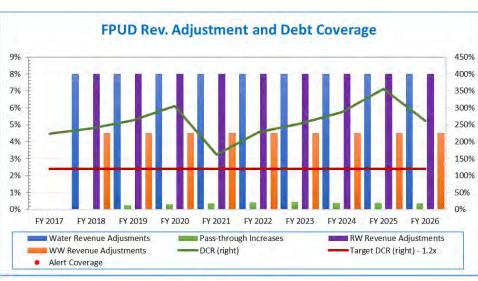


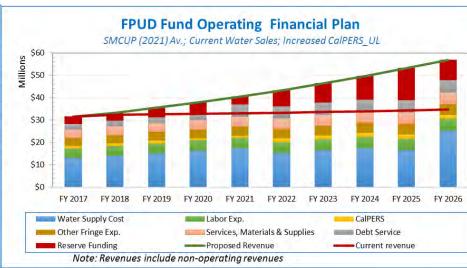


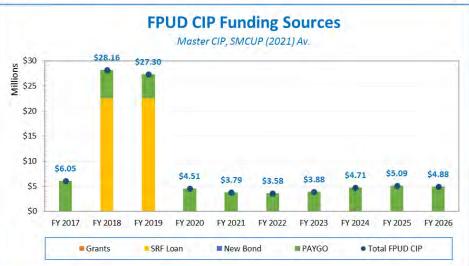


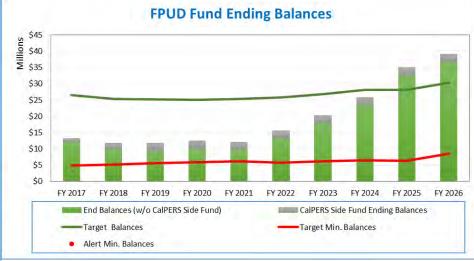
Whole District Financial Plan

PROPOSED REV INCREASE, SMCUP AVERAGE SCENARIO











PROPOSED 10-YEAR REVENUE ADJUSTMENTS

Fiscal Year	Effective Date	Water + Pass-through MWD RTS & CWA IAC Costs	RW	ww
FY 2018	Jan 2018	8.0%	8.0%	4.5%
FY 2019	Jan 2019	8.0%	8.0%	4.5%
FY 2020	Jan 2020	8.0%	8.0%	4.5%
FY 2021	Jan 2021	8.0%	8.0%	4.5%
FY 2022	Jan 2022	8.0%	8.0%	4.5%
FY 2023	Jan 2023	8.0%	8.0%	4.5%
FY 2024	Jan 2024	8.0%	8.0%	4.5%
FY 2025	Jan 2025	8.0%	8.0%	4.5%
FY 2026	Jan 2026	8.0%	8.0%	4.5%

WW Rate Discussion



WW Cost of Service Analysis

Step 1

- Determine flow and strength of each customer class
- Examine inflow at the treatment plant and number of customers

Step 2

- Determine how much O&M and capital is flow or strength-related
- Allocate O&M costs and assets list by function

Step 3

- Determine revenues required for flow and strength
- Allocate revenue requirements based on above allocations

Step 4

Determine customer class characteristics and unit cost

Step 5

Distribution of costs to customer classes



PLANT BALANCE RESULTS & RECOMMENDATIONS

FY 2016 Data (Jul 2015 – Jun 2016)	Current Return To Sewer (RTS)	Billed WW Flows (RTS x Min Winter Use)	Revised RTS	Revised Billed WW Flows (Rev. RTS x Av Winter Use*)
Ag Domestic (AT)	90%	572	75 %	798
Commercial Ag (CB)	90%	238	75%	336
Multi Family (M)	90%	146,459	75%	143,691
Single Family (D)	90%	224,357	75%	278,868
Single Family (LD)	90%	8,176	75%	11,376
Total Billed Residential Flows (1)		379,801 kgal (51.1 GPCD)		435,069 kgal (58.5 GPCD)
Residential Flows from Plant Balance (2)		438,744 kgal (59.0 GPCD)		438,744 kgal (59.0 GPCD)
(2) / (1)		116% Billed << Estimated		101%

^{*}Av Winter Use = Average 3-month Dec – Feb



WW REV REQUIREMENT ALLOCATION TO RATE COMPONENTS

		Fixed C	Charges	Flow R	ates
Cost Categories	FY 2018	CIC	WW Services	Flow	Strength
Flows	\$2,572,925		\$0	\$2,572,925	\$0
BOD	\$302,987				\$302,987
TSS	\$1,104,987				\$1,104,987
WW Services	\$1,869,020		\$934,510	\$934,510	
CIC	\$1,123,364	\$1,123,364			
Total Rev Req	\$6,973,282	\$1,123,364	\$934,510	\$3,507,435	\$1,407,973



WW RATE FRAMEWORK

	Residential	Non-Residential Low Strength	Non-Residential Medium Strength	Non-Residential High Strength
Fixed Service Charges (FSC)	\$ Per EDU	\$ Per EDU	\$ Per EDU	\$ Per EDU
Capital Improvement Charges (CIC)*	\$ Per EDU	\$ Per EDU	\$ Per EDU	\$ Per EDU
Volumetric Rates (\$ / kgal billed WW flows**)	x	x	xx	xxx

^{*} CIC = Current CIC (\$1.84/EDU* (1 + ENR CCI%)) (Increase ~3% per year)

^{**} Residential billed WW flows = 75% x Average Winter Use (Dec – Feb), with 22kgal cap Non-Residential billed WW flows = RTS x Water Usage



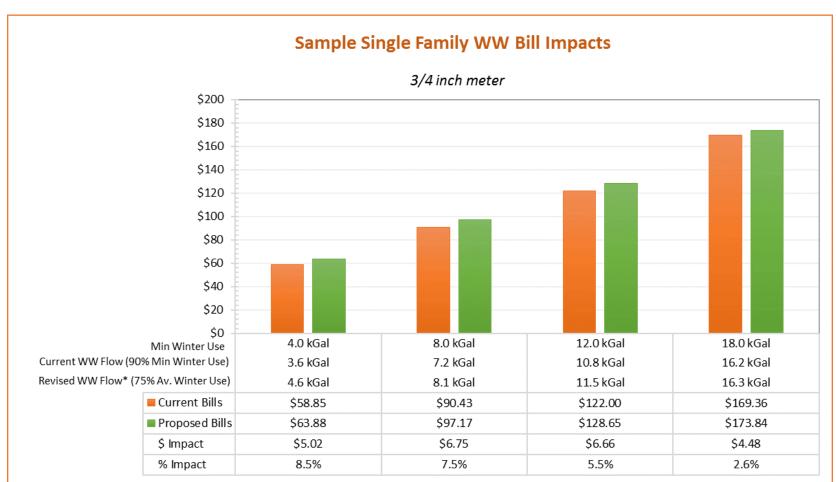
PROPOSED WW RATES FY 2018

	CIC (\$/EDU)	Fixed WW Service Charges (\$/EDU)	Volumetric Rates (\$/kgal)
Ag Domestic	\$11.16	\$9.28	\$9.44
Commercial Ag Domestic	\$11.16	\$9.28	\$9.44
Single Family	\$11.16	\$9.28	\$9.44
Single Family (Large)	\$11.16	\$9.28	\$9.44
Multi Family	\$11.16	\$9.28	\$9.44
Government	\$11.16	\$9.28	\$9.38
School	\$11.16	\$9.28	\$9.38
Church	\$11.16	\$9.28	\$9.38
Commercial - Low Strength	\$11.16	\$9.28	\$9.38
Commercial - Medium Strength	\$11.16	\$9.28	\$11.57
Commercial - High Strength	\$11.16	\$9.28	\$14.44
Standby Services	\$11.16	\$9.28	



WW RESIDENTIAL CUSTOMER IMPACT

(3/4-INCH DOMESTIC)



^{*}The "Revised WW Flow" is based on the average flow for the customers with "Min Winter Usage" shown above but using their averaged consumption over the period Dec-Feb and revised RTS.

Water Rates Design Discussion



WATER RATE STRUCTURE

ESTABLISHED DURING DEC 2016 FINANCE COMMITTEE WORKSHOP

Customer Class	Current Rate Structure	Proposed to Evaluate	Why?
Residential (D, LD, M)	Inclining 3 Tiers	Revised Inclining 3 Tiers	Simplify & justify tier definitions
Agriculture SAWR	Uniform	Uniform	All Ag use supplied by SAWR water
Ag Domestic (AT, CB)	3 Tiers	2-Tiers	Tier 1 – Indoor Domestic Use Tier 2 – Agriculture Use
Commercial (C, CA)/ Government (G)	Uniform	Uniform	Heterogeneous use
Irrigation (I)	Uniform	Uniform	Use varied significantly with irrigable areas and weather



Proposed Residential Tier Definitions

APPLIED TO ALL RESIDENTIAL CLASSES BY DWELLING UNIT

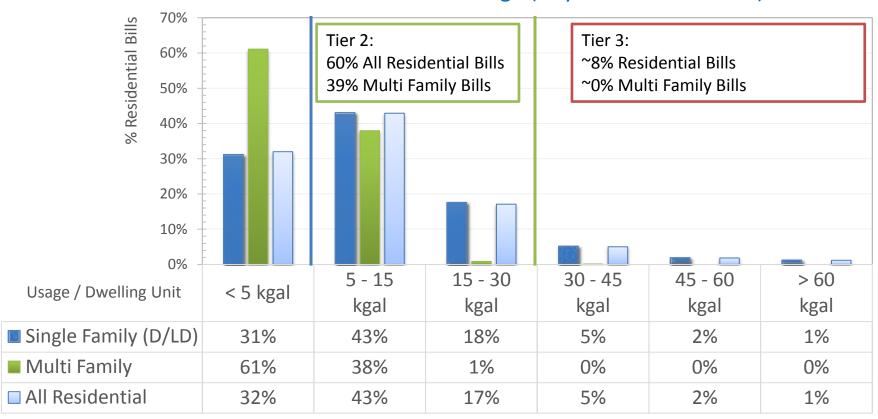
	Current Rate Structure	Proposed to Evaluate	Basis
Tier 1	0 – 5 kgal	0 – 5 kgal	Efficient Indoor Use Benchmark: 55GPCD x 3 PPH x 30 days
Tier 2	D / LD: 6 – 30 kgal M: 6 – 18 kgal	6 – 30 kgal	Average Efficient Monthly Outdoor Use Benchmark for 0.25 acre = 25 kgal / month
Tier 3	Above Tier 2	Above Tier 2	Above Average Efficient Use



RESIDENTIAL BILL FREQUENCY

Residential Bill Frequency

FY 2016 Residential Usage (July 2015 – June 2016)





PROPOSED AG DOMESTIC TIER DEFINITIONS

	Current Rate Structure	Proposed to Evaluate	Basis
Tier 1	0 – 5 kgal	0 – 5 kgal	Efficient Indoor Use Benchmark: 55GPCD x 3 PPH x 30 days
Tier 2	6 – 20 kgal	Above 5 kgal → Ag Use	Assumed all use for outdoor Ag irrigation
Tier 3	Above Tier 2 → Ag Use		



FIXED CHARGES FRAMEWORK

	Capital Improvement Charge (CIC)	RTS	IAC	Billing & CS	Meters & Services	Capacity	Fire Protection	Backflow Inspection	· ·
Meter Ratios	Current	AWWA Max Flow	AWWA Max Flow	Uniform	Meter Costs	AWWA Max Flow	Fire Capacity	Backflow Costs	Uniform
Water customers	x	x	х	Х	Х	X			х
Standby customers	х	X		Х	Х				х
Fire Connections				Х			Х		
Backflow device owner								х	

Notes

- CIC are as adopted, current CIC escalated by ENR + 3% to cover pipeline replacement costs
- RTS & IAC are pass-through costs
- Backflow device charges are to recover the Backflow Inspection costs



WATER USAGE RATES FRAMEWORK

Customer Class		Water Reliability	Delivery	Peaking (based on Peaking Factors)	Conservation	Water Supply
Ag (SAWR) (AS)			X	XX		SAWR
Ag Domestic (SAWR)	Tier 1	X	X	X		Imported
(AT)	Tier 2		Х	XX		SAWR
Commercial Ag (CA)			Х	XX		Imported
Commercial Domestic	Tier 1	х	Х	Х		Imported
Ag (CB)	Tier 2		х	XX		Imported
Commercial (C)		Х	х	Х	х	Imported
Irrigation Only (I)		Х	х	Х	х	Imported
Government (G)		Х	х	XX	х	Imported
Domestic (D/LD/M)	Tier 1	Х	х	х		Imported
	Tier 2	Х	х	XX		Imported
_	Tier 3	Х	х	xxx	xxx	Imported

- Water Reliability to Recover the Emergency Storage and Water Supply Reliability Charges from MWD
 - Ag uses (except AT Tier 1 & CB Tier 1) are interruptible → no Water Reliability Rate and no Conservation Rate
- All Indoor Use (Tier 1) at Tier 1 Rate:
 - AT & CB Tier 1 Rate = Residential Tier 1 Rate for indoor use



WATER REVENUE REQUIREMENTS

Cost Categories	FY 2018
Power	\$274,271
MWD RTS & CWA IAC	\$837,412
Other Water Supply	\$10,614,717
Base Fixed	\$3,435,941
Peaking	\$2,560,498
Water Reliability	\$1,486,481
Billing &CS	\$1,037,214
Meters & Services	\$1,744,626
Conservation	\$160,886
Fire Protection	\$3,830
CIC (water)	\$1,272,836
CIC Pumping	\$39,952
Monthly Discount	-\$437,136
Total Revenue Requirements	\$23,031,527



PROPOSED RATES FY 2018

Meter	Other Fixed Charges			Monthly Fixed Service Charges (FSC)			(FSC)	
Size (inch)	CIC	MWD RTS	CWA IAC	Billing & CS	Meters & Services	Capacity	Total FSC	Current FSC
Water Servi	ces							
3/4	\$10.01	\$2.70	\$2.93	\$9.40	\$10.59	\$24.75	\$44.74	\$41.59
1	\$13.77	\$4.49	\$4.88	\$9.40	\$17.64	\$41.25	\$68.29	\$54.12
1 ½	\$20.03	\$8.98	\$9.76	\$9.40	\$35.27	\$82.49	\$127.16	\$77.23
2	\$31.30	\$14.36	\$15.62	\$9.40	\$56.43	\$131.98	\$197.81	\$113.03
3	\$52.58	\$28.72	\$31.24	\$9.40	\$112.86	\$263.95	\$386.21	\$184.39
4	\$82.62	\$44.87	\$48.80	\$9.40	\$176.34	\$412.43	\$598.17	\$293.17
6	\$150.22	\$89.73	\$97.60	\$9.40	\$352.68	\$824.85	\$1,186.93	\$523.95
Standby Ser	vices							
3/4	\$6.01	\$2.70		\$9.40	\$10.59		\$19.99	\$24.78
1	\$8.26	\$4.49		\$9.40	\$17.64		\$27.04	\$24.78
1 ½	\$12.02	\$8.98		\$9.40	\$35.27		\$44.67	\$24.78
2	\$18.78	\$14.36		\$9.40	\$56.43		\$65.83	\$24.78
3	\$31.55	\$28.72		\$9.40	\$112.86		\$122.26	\$24.78
4	\$49.57	\$44.87		\$9.40	\$176.34		\$185.74	\$24.78
6	\$90.13	\$89.73		\$9.40	\$352.68		\$362.08	\$24.78



PROPOSED RATES FY 2018

Motor Sizo	Monthly Fixed Service Charges (FSC)					
Meter Size (inch)	Billing & CS	Fire Capacity	Backflow Inspection	Total FSC	Current FSC	
Private Fireline						
2	\$9.40	\$0.30		\$9.70	\$68.26	
3	\$9.40	\$0.86		\$10.26	\$78.74	
4	\$9.40	\$1.84		\$11.24	\$89.22	
6	\$9.40	\$5.32		\$14.72	\$122.49	
8	\$9.40	\$11.34		\$20.74	\$155.76	
Backflow Devices						
3/4			\$4.93	\$4.93	\$6.88	
1			\$5.81	\$5.81	\$6.88	
1 ½			\$10.73	\$10.73	\$9.94	
2			\$12.88	\$12.88	\$9.94	
3			\$25.75	\$25.75	\$11.27	
4			\$40.23	\$40.23	\$15.92	
6			\$80.45	\$80.45	\$19.06	

\$ / kgal	Proposed	Current
Elevation Charges	\$0.69 /kgal	\$0.33
CIC Pumping	\$0.10 / kgal	\$0.10



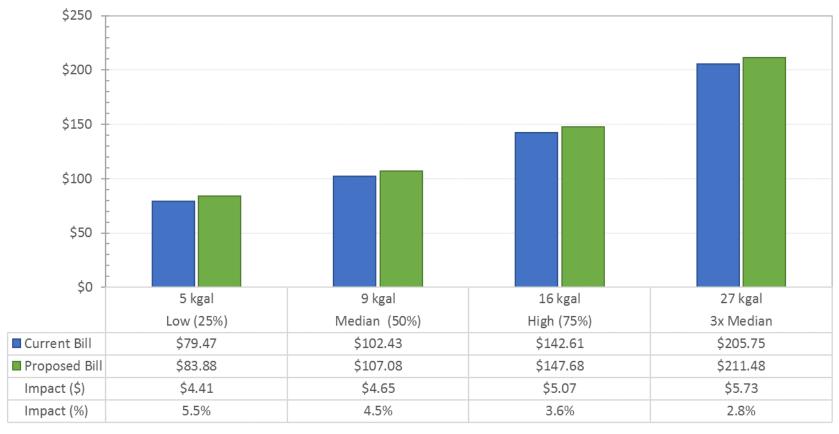
PROPOSED RATES FY 2018

Customer Class		Water Reliability	Delivery	Peaking	Conservation	Water	Proposed	Current
		Reliability	Delivery	Peaking	Conservation	Supply	Proposeu	Current
Agriculture								
Ag (SAWR) (AS)			\$0.49	\$0.42		\$3.31	\$4.22	\$3.65
Ag Domestic	Tier 1	\$0.94	\$0.49	\$0.29		\$3.98	\$5.70	\$5.21 - \$5.74
(SAWR) (AT)	Tier 2		\$0.49	\$0.42		\$3.31	\$4.22	\$3.65
Commercial Ag (CA)			\$0.49	\$0.42		\$3.98	\$4.89	\$4.97
Commercial	Tier 1	\$0.94	\$0.49	\$0.29		\$3.98	\$5.70	\$5.21 - \$5.74
Domestic Ag (CB)	Tier 2		\$0.49	\$0.42		\$3.98	\$4.89	\$4.97
Non-Agriculture								
Commercial (C)		\$0.94	\$0.49	\$0.36	\$0.11	\$3.98	\$5.88	\$5.21 - \$5.74
Irrigation Only (I)		\$0.94	\$0.49	\$0.27	\$0.11	\$3.98	\$5.79	\$5.74
Government (G)		\$0.94	\$0.49	\$0.37	\$0.11	\$3.98	\$5.89	\$5.74
Describ	Tier 1	\$0.94	\$0.49	\$0.29		\$3.98	\$5.70	\$5.21
Domestic (D/LD/M)	Tier 2	\$0.94	\$0.49	\$0.39		\$3.98	\$5.80	\$5.74
(D/LD/IVI)	Tier 3	\$0.94	\$0.49	\$0.52	\$1.12	\$3.98	\$7.05	\$6.32



Sample Water Bills For Domestic & Large Domestic

3/4" meter, 1 DU, eligible for monthly discount





AG SAWR (AS) CUSTOMER – 2-INCH METER

Sample Water Bills For Ag (SAWR) Customers

2" meter, 1 DU, excl. pumping charge, eligible for monthly discount





AG DOMESTIC SAWR (AT) CUSTOMER – 2-INCH METER

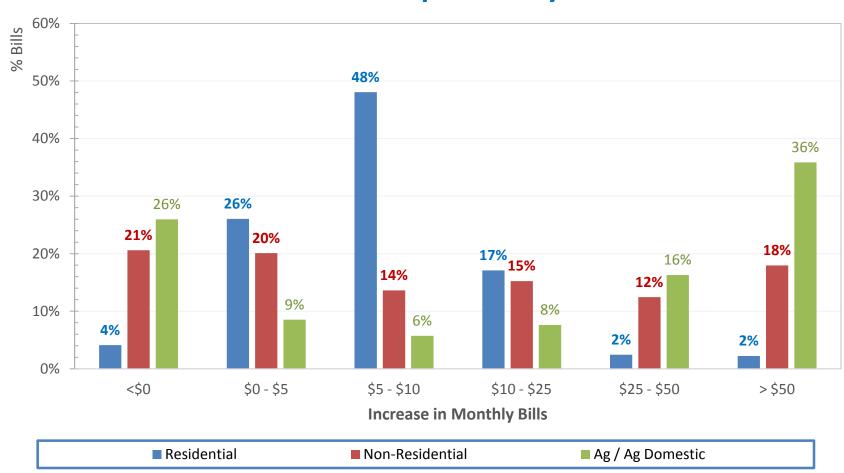
Sample Water Bills For Ag Domestic (SAWR)

2" meter, 1 DU, excl. pumping charge, eligible for monthly discount





Customer Impact Analysis



RW Rate Discussion



RW RATE FRAMEWORK

- RW services pay the same monthly fixed service charges (FSC) as Water services
- RW usage rates recover the residual RW costs after accounting for FSC revenues
 - Property tax allocated to RW fund (\$34,033 in FY 2018) are dedicated to provide discount for non-revenue RW usage and Sport Park & Youth Baseball (SP&YB) for public benefits



PROPOSED RW RATES

Meter Size	Mo	nthly Fixed Servi	ce Charges (FSC)		
(inch)	Billing & CS	Meters & Services	Capacity	Total FSC	Current FSC
3/4	\$9.40	\$10.59	\$24.75	\$44.74	\$41.59
1	\$9.40	\$17.64	\$41.25	\$68.29	\$54.12
1 ½	\$9.40	\$35.27	\$82.49	\$127.16	\$77.23
2	\$9.40	\$56.43	\$131.98	\$197.81	\$113.03
3	\$9.40	\$112.86	\$263.95	\$386.21	\$184.39
4	\$9.40	\$176.34	\$412.43	\$598.17	\$293.17
6	\$9.40	\$352.68	\$824.85	\$1,186.93	\$523.95



PROPOSED RW RATES

Proposed Rates	FY 2018 Proposed Rates	Current Rates
Caltrans (Contract)	\$3.51	\$3.51
Orange Groove (Contract)	\$4.96	\$4.55
Sports Park & Youth Baseball (SP&YB)	\$2.15	\$1.66
Non-Contract RW Sales	\$4.31	\$4.43
Non-revenue RW Sales	\$0.00	\$0.00
Potable Water Rates		
Potable Irrigation Rates	\$5.79	
Potable Residential Tier 1	\$5.70	
Potable Residential Tier 2	\$5.80	
RW Non-Contract Rates as % of Potable Rates		
Potable Irrigation Rates	74%	
Residential Tier 1	76%	
Average Residential Tiers 1 & 2	75%	

Proposed Drought Rates



PROPOSED FY 2018 DROUGHT RATES

Drought Levels	FY 2018 Base Rates	Level 1	Level 2	Levels 3 & 4
Reduction Goals		10%	20%	40%
Commercial Ag (CA)	\$4.89	\$0.25	\$0.48	\$1.14
Commercial Ag Domestic (CE	3)			
Tier 1	\$5.70	\$0.29	\$0.56	\$1.32
Tier 2	\$4.89	\$0.25	\$0.48	\$1.14
Residential (D, LD, M)				
Tier 1	\$5.70	\$0.29	\$0.56	\$1.32
Tier 2	\$5.80	\$0.30	\$0.56	\$1.35
Tier 3	\$7.05	\$0.36	\$0.69	\$1.64
Non-Residential (C,I,G)				
Commercial (C)	\$5.88	\$0.30	\$0.57	\$1.37
Irrigation Only (I)	\$5.79	\$0.30	\$0.56	\$1.34
Government (G)	\$5.89	\$0.30	\$0.57	\$1.37





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CONTACT:

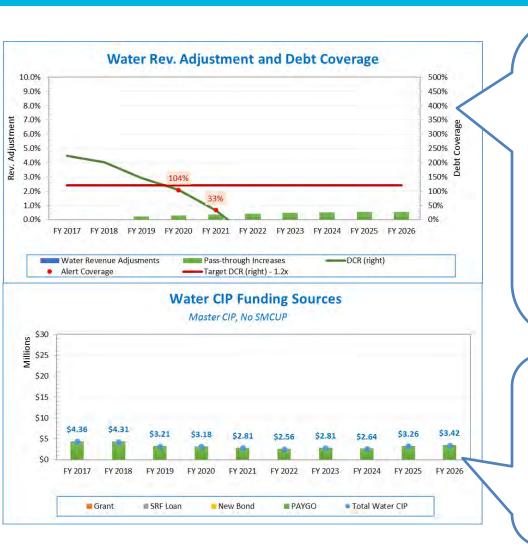
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WATER FINANCIAL PLAN

STATUS QUO - NO REV INCREASE, CALPERS+\$3M AND NO SMCUP



Water Revenue Adjustments and Debt Coverage

- > Blue bars No Revenue Adjustment (left axis)
- ➤ **Green** bars Pass-through Increases from RTS & IAC (left axis)
- Red line Target debt coverage 120% (right axis)
- ➢ Green line − Projected debt coverage for Whole FPUD (right axis)
- ➤ Red dot Alert coverage when falling below target

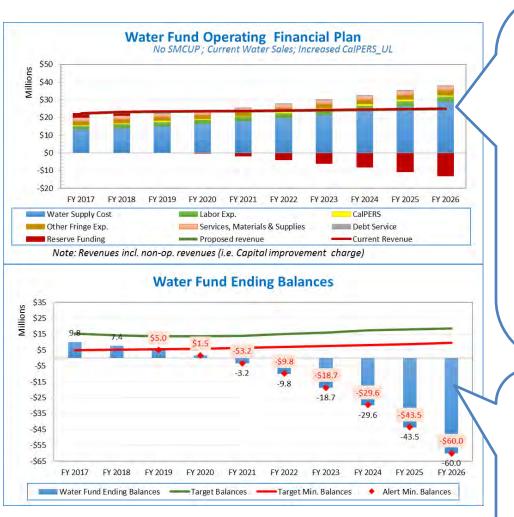
Water CIP & Funding Sources

- Orange bar Grant
- ➤ Grey bar SRF Loan (for SMCUP CIP)
- > Yellow bar New Bond
- > Green bar PAYGO
- Blue dot Total Water CIP



WATER FINANCIAL PLAN

STATUS QUO - NO REV INCREASE, CALPERS+\$3M AND NO SMCUP



Operating Financial Plan

- ➤ Lines revenues
 - Red current rates with pass-through RTS/IAC costs
 - ➤ Green proposed rates with pass-through RTS/IAC costs (no revenue adjustments → same as current)
- > Stacked bars Expenses
 - Blue Water Supply Costs
 - Green Labor Expenses
 - Yellow CalPERS
 - Dark Yellow Other Fringe Expenses
 - Light Orange Service, Materials & Supplies
 - ➤ Grey Debt Service
 - Red Reserve Funding (+) or Funding from Reserve (-)

Projected Reserve Balances

- Blue bars Projected ending fund balances
- ➤ Green line Target balances
- ➤ Red line Minimum target balances (3 months of O&M)
- ➤ Red dot alert balances when ending balances fall below target levels