# PROPOSED WY 2022 O & M WATER RATES

FINANCE & ADMINISTRATION COMMITTEE FEBRUARY 7, 2022

BOARD OF DIRECTORS FEBRUARY 10, 2022



### San Luis & Delta-Mendota Water Authority

LOS BANOS ADMINISTRATIVE OFFICE

TRACY FIELD OFFICE

C.W. "BILL" JONES PUMPING PLANT

O'NEILL PUMPING PLANT

## San Luis & Delta-Mendota Water Authority Notes to Support the Proposed WY22 O&M Rates to FAC 2.7.22 / BOD 2.10.22

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#### 1 O&M Budget - Self Funded

Approved FY23 - Fiscal Year 3/1/22-2/28/23

RO&M = \$17,040,952

1 EO&M = \$7,368,800

#### 2 Delivery Assumptions

Ag - Contractor Estimates, 0%, with Contractor projections

M&I - Contractor Estimates, 50%, with Contractor projections

Refuge - 75% used BOR Refuge Estimate

Exchange/Water Rights - 75%

Estimated Rescheduled Water

Pump-Ins

Miscellaneous Transfers

Mendota Pool Pumpers

Volta Well Pumping

#### 3 Intertie

Intertie anticipated to be used in WY22, estimated at 50,000 a/f per SLDMWA

Final cost allocation for Intertie O&M, Intertie PUE and

DWR Conveyance remains undetermined

#### 4 Volta Wells

Volta Wells Program estimated at 2,400 a/f - Costs split between DPWD and SLWD

#### 5 PUE SLDMWA Meters

WY22 PUE estimates based on BOR PUE FYE 9/30/22

PUE Budget relating to WY22 - FY 3/1/22- 2/28/23 = \$19,070,926

PUE Budget relating to WY21 - FY 3/1/21- 2/28/22 = \$26,050,000

#### 6 DWR San Luis Joint Use

WY22 SLJU costs based on DWR Calendar Year Budget Estimates & Historical Actuals

SLJU Budget relating to WY22 - FY 3/1/22- 2/28/23 = \$13,199,596

SLJU Budget relating to WY21 - FY 3/1/21- 2/28/22 = \$12,650,000

Federal cost allocation for 2021-2025 = 37.67%

#### **7** EO&M Funding

Funding Obligation:

1 EO&M Funding Obligation WY22 FY 3/1/22 - 2/28/23 = \$6,750,000, EO&M Budget = \$7,368,800
Rewind Debt Service Funding Obligation-BOR Repayment Contract(Unit 6) WY22 FY 3/1/22-2/28/23 = \$380,000
Rewind Estimated Debt Service Funding Obligation-BOR Repayment Contract(2 Units) WY22 FY 3/1/22-2/28/23 = \$250,000
Rewind Debt Service Funding Obligation-2021A Bonds WY22 FY 3/1/22-2/28/23 = \$450,000

#### **8** Overall Increase in Estimated Recoverable Costs over Prior Year.

Total Estimated Recoverable Costs in Water Year 2022= \$ 57,164,175

Total Estimated Recoverable Costs in Water Year 2021= \$ (59,790,166)

Decrease \$ (2,625,991)



# San Luis & Delta-Mendota Water Authority Proposed WY22 O&M Rates

Using Estimated WY21 Deliveries, based on 0% Ag Allocation FAC 2.7.22 / BOD 2.10.22

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	WY 2022 Rate 3/1/22-2/28/23	WY 2021 Rate 3/1/21-2/28/22	
	Proposed WY2022	Current WY2021	Variance
WATER SUPPLY			
Irrigation	0%	0%	0%
M&I	50%	50%	0%
Refuge	75%	75%	0%
Exchange/Water Rights	75%	75%	0%
RATES			
Upper DMC	\$26.66	\$28.54	(\$1.88)
Upper DMC - Exhange/Wtr Rts	\$23.33	\$26.95	(\$3.62)
Lower DMC/Pool	\$30.57	\$32.61	(\$2.04)
Lower DMC/Pool - Exchange/Wtr Rts	\$27.24	\$31.02	(\$3.78)
San Felipe	\$39.19	\$38.52	\$0.67
SLC Above Dos Amigos	\$75.66	\$76.21	(\$0.55)
SLC Below Dos Amigos	\$100.48	\$100.36	\$0.12
San Luis Drain	\$0.91	\$0.80	\$0.11



#### **SLDMWA - O&M Rates**

#### Proposed WY2022 SELF-FUNDING O&M WATER RATES

Finance & Administration Committee 2.7.22
Board of Directors 2.10.22

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Using Estimated WY21 Deliveries, based on 0% Ag Allocation

		SLDMWA ANNUAL O&M and POWER								SLDMWA	SLDMWA		SLJU		TOTAL
COST POOLS	UPPER	UPPER	JPP PWR	VOLTA	LOWER	ER O'NEILL P/G		RESERVES	RESERVES	RESERVES	RESERVES	DWR COSTS		POWER	ii
	Upper DMC/ JPP	Intertie (Temporary Cost Pool)			Lower DMC/ Mendota Pool		O'Neill O&M & PWR			Two Rewind Units BOR Repayment	Two Rewind Units 2021A Bonds	San Luis Canal O&M	Dos Amigos O&M	Dos Amigos Power	:: !!
PARTICIPANTS	All Users	All Users Excludes Exchange Cont. and Water Rights	All Users (Actual Pumping Only)	DPWD SLWD	LowerDMC & MP Users	All U "Direct"	lsers "Storage"	All Users	All Users	All Users	All Users Excludes Exchange Cont and Water Rights	All SLJU Users	Dos Amigos Users	Dos Amigos Users	
COSTS TO BE ALLOCATED**	\$9,078,008	\$1,642,388	\$12,528,362	\$76,050	\$3,254,435	\$5,004,849	\$618,577	\$6,750,000	\$380,000	\$250,000	\$450,000	\$10,111,631	\$2,878,692	\$3,911,106	\$56,934,097
ACRE FEET	1,274,757	611,692	1,254,877	2,400	831,457	379,678	944,828	% of 10 Yr Historical Use	% of 10 Yr Historical Use	% of 10 Yr Historical Use	% of 10 Yr Historical Use	277,230	273,530	273,530	
RATE PER AF	\$7.12	\$2.68	\$9.98	\$31.69	\$3.91	\$13.18	\$0.65	\$5.10	\$0.29	\$0.19	\$0.65	\$36.47	\$10.52	\$14.30	  :     :

Storage

O&M = \$.37

Pwr = \$.26

O&M DWR = \$.02

\$0.37

\$0.02

\$0.26

\$0.65

SLDMWA COMPONENT RATE PER ACRE FOOT - BY DELIVERY AREA / CONTRACTOR Upper DMC \$26.66 A+Aa+B+F+G+H+I+J Exchange/Wtr Rts (Upper) \$23.33 A+B+F+G+H+I Excludes Intertie & 2021A Bonds Reserv Lower DMC/Pool \$30.57 A+Aa+B+D+F+G+H+I+J San Felipe \$39.19 A+Aa+B+E+G+H+I+J San Luis Canal Above Dos Amigos \$75.66 A+Aa+B+E+G+H+I+J+K San Luis Canal Below Dos Amigos \$100.48 A+Aa+B+E+G+H+I+J+K+L+M Exchange/Wtr Rts (Lower) \$27.24 A+B+D+F+G+H+I

\$31.69 C

\$0.91

Refuge (Lower)

San Luis Drain

onds Reserve

D

Direct

O&M DWR = \$.49

\$7.39

0.49

5.30

\$13.18

O&M = \$7.39

Pwr = \$5.30

O&M

DWR \$

PUE \$

WATER SUPPLY ASSUMPTIONS

 Irrigation
 0%

 M&I
 50%

 Refuge
 75%

 Ex/Wtr Rts
 75%

Note: Supply assumptions are based on contractor estimates

**COSTS TO BE ALLOCATED								
O&M Budget per above -(excludes Volta V	Vells O&M)	\$15,783,894	included in	\$ 154.205.93	e	2.807.243.28	7 202747528	
Required Reserve Funding	,	\$6,750,000	<b>9</b> 3,	154,205.55		,,	0.367223084	
Rewind Reserve Funding -Debt Service 1s	st BOR Romt Contract	\$380,000			s	3.154.205.93	0.307223004	
Rewind Reserve Funding (Est) -Debt Sen		\$250,000			Ÿ	3,134,203.33	į.	
Rewind Reserve Funding -2021A Bonds		\$450,000						
San Luis Drain		\$230,078						
Volta Wells -DPWD/SLWD		\$76,050						
Intertie: DWR Wheeling		\$973,630						
POWER								
JPP	\$12,528,362							
Intertie	\$371,512							
Volta Wells	\$0							
O'Neill	\$2,259,946	\$15,159,820	\$ 2,	259,946.47	\$	2,011,352.36	5.297521474	
					\$	248,594.11	0.263110441	
SAN LUIS JOINT USE					\$	2,259,946.47		
DWR - San Luis Canal O&M		\$10,111,631						O'Neill Split
DWR - Dos Amigos O&M		\$2,878,692						89%/11%
DWR - O'Neill		\$209,273	\$	209,273.12	\$	186,253.08	0.490555357	
					\$	23,020.04	0.024364269	
POWER					\$	209,273.12	ı	
Dos Amigos		\$3,911,106						
		\$57,164,175						

\$30.57 A+Aa+B+D+F+G+H+I+J

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	RO&M	EO&M Self-Funding Reserve Obligation	Self-Funding PUE	Self	-Funding SLJU	(D	Volta Wells PWD & SLWD Only)	Intertie DWR Conveyance	TOTALS
WY22	\$ 16,013,972	\$ 7,830,000	\$ 19,070,926	\$	13,199,596	\$	76,050	\$ 973,630	\$ 57,164,175
WY21	\$ (14,915,896)	\$ (6,130,000)	\$ (26,050,000)	\$	(12,650,000)	\$	(44,270)	\$ -	\$ (59,790,166)
Variance	\$ 1,098,076	\$ 1,700,000	\$ (6,979,074)	\$	549,596	\$	31,780	\$ 973,630	\$ (2,625,991)

#### \* Included in O&M Rate Calculations

O&M

Reserve Obligations
Project Use Energy (PUE)
San Luis Joint Use (SLJU)
Volta Wells (DPWD & SLWD only)
Intertie DWR Conveyance