

VII. B.



Westlands Water District

MEMORANDUM

TO: SLDMWA BOARD OF DIRECTORS
FROM: TOM BOARDMAN, WATER RESOURCES ENGINEER
SUBJECT: NOVEMBER OPERATIONS UPDATE
DATE: NOVEMBER 4, 2022

Project Operations

- Jones has been pumping at about 900 cfs during most of October due deteriorating Delta quality and occasionally low Sacramento River flows. As upstream reservoir releases decline to their seasonal minimum rates, Jones pumping is not expected to increase without sufficient storm-related Delta inflow.
- Reclamation's latest forecast shows the accounting balance under the Coordinated Operations Agreement (COA) at about 30 TAF in favor of the CVP. The current balance excludes 59 TAF released from New Melones last year to meet part of the SWP's share of Delta requirements. DWR is planning to payback the New Melones water, but not until low Oroville storage recovers to a manageable level. Current Oroville storage is at 31% of capacity.
- Shasta storage is more than 400 TAF higher than this time last year at 1,409 TAF - 66% of average. The current release of 3,900 cfs is 650 cfs higher than Reclamation's scheduled release to protect emerging winter run salmon fry in the upper Sacramento River. With reservoir storage at its 7th lowest level on record, Reclamation is struggling to reduce releases to the minimum rate of 3,250 cfs to begin building storage for next year. The watershed received no rain in October and only a small amount this week. However, a wetter trend is expected over the next seven days.
- Folsom storage is 284 TAF, 75% of average. Releases are near the minimum rate required by the Flow Management Standard at 1,400 cfs. With the reservoir losing 55 TAF during the past month, storage is trending about 30 TAF below Reclamation's latest operations forecast.
- Accumulated precipitation in the Sacramento Valley during October was zero compared to the long-term average of 2.8 inches.
- CVP demands for October were about 80% of the 15-year average. Demands during last month were closer to the seasonal average compared to prior months because of increased fall diversions by refuges.

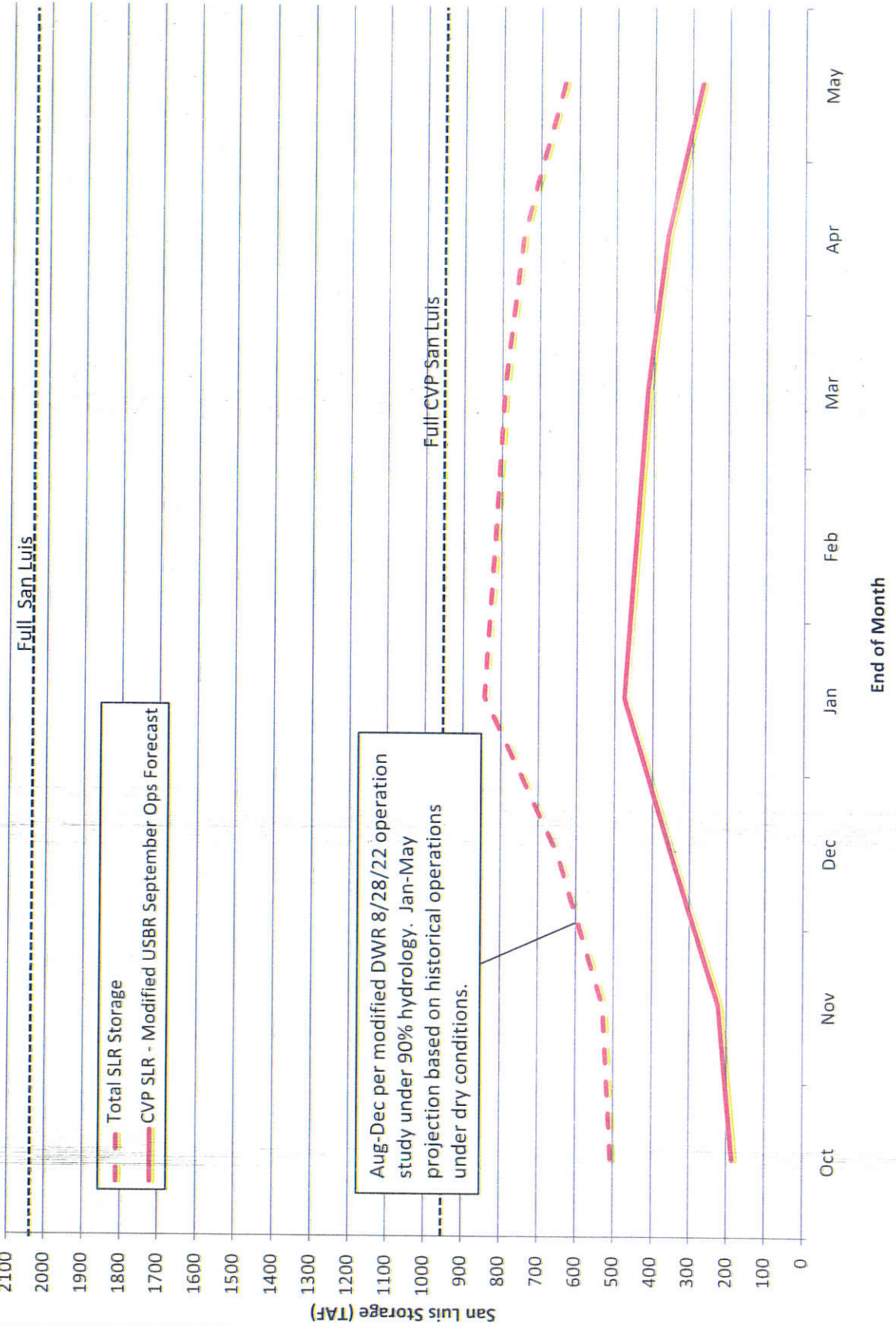
2022-23 San Luis Reservoir Operations

The current CVP share of the San Luis Reservoir (SLR) is at 184 TAF which reflects a loss of 60 TAF during October. Based on the latest estimate of remaining rescheduled and transfer water, Project water in the CVP share of storage has declined to about 80 TAF – down from an estimated 110-130 TAF last month. Persistent low export rates during October have reduced refill projections such that CVP SLR is now expected to refill to 475 TAF and 750 TAF by April under dry and median conditions, respectively.

82

2022-23 San Luis Storage Projection

90% Exceedance Hydrology

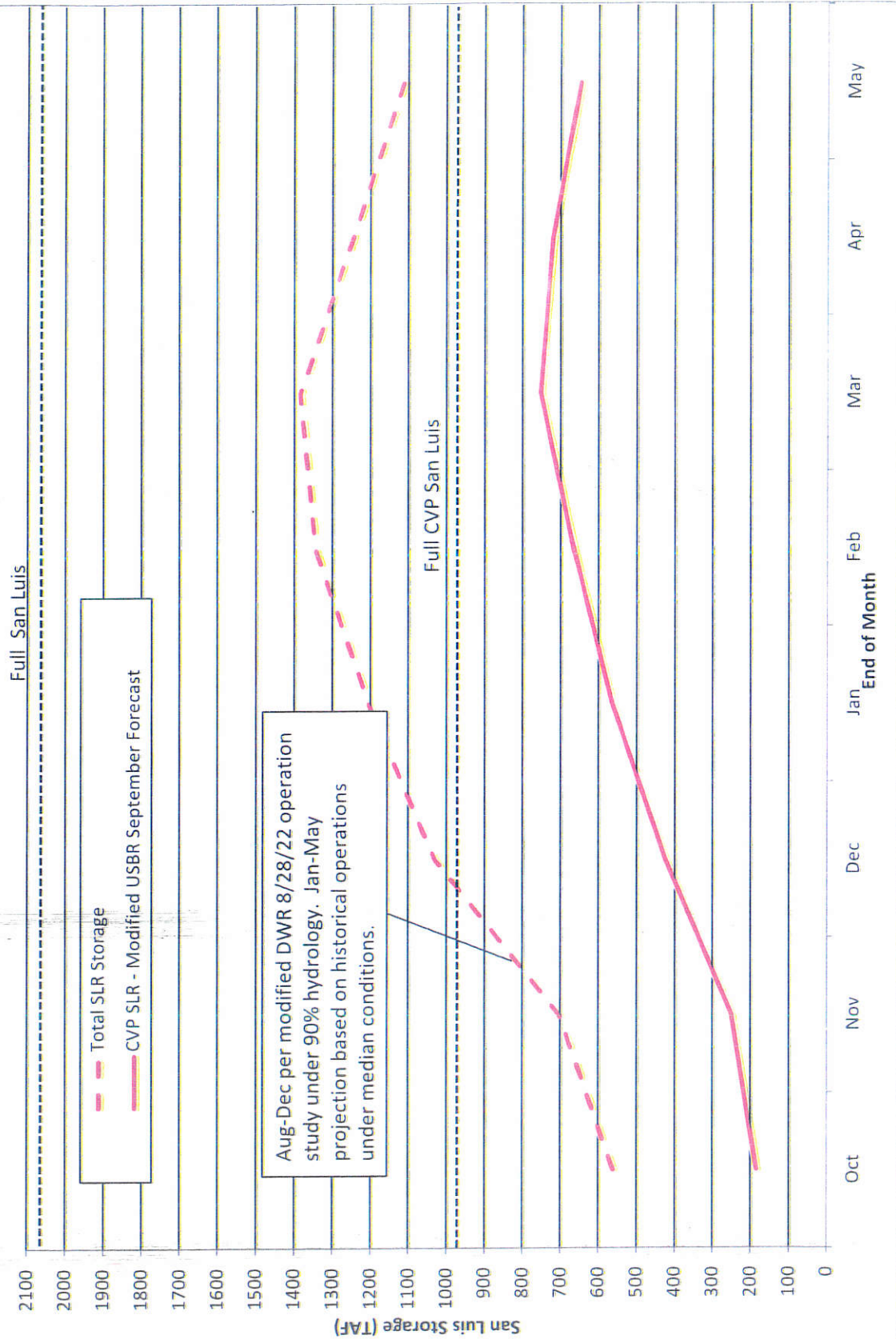


Aug-Dec per modified DWR 8/28/22 operation study under 90% hydrology. Jan-May projection based on historical operations under dry conditions.

63

2022-23 San Luis Storage Projection

50% Exceedance Hydrology



20

VII. B

DEL PUERTO WATER DISTRICT 2022-23 SUPPLY/USE/COMPLETED TRANSACTIONS SUMMARY
as of October 31, 2022

Supply Type	2022-23
2021-22 Rescheduled Warren Act Supply	1,453
2021-22 Rescheduled Warren Act Supply	4,291
2021-22 Rescheduled NVRWWP Supply	13,452
Less: Monthly 1% Storage Loss Est.	(423)
Sub-Total: Rescheduled Supplies	18,773
2022 CVP Allocation (0%)	0
2022 Ground Water Pump-Ins	1,625
2022 NVRWWP	18,700
2022 CCID Exchange	360
Sub-Total: Current Year Customer Supplies	20,685
2022 YCWA	2,367
2022 AEWS	106
2022 Ceres Emergency Agreement	647
2022 GWD Transfer	250
2022 Volta Wells Transfer	175
2022 PID Transfer	716
2022 O-Creek Recovery	42
2021 Mapes Transfer (Continued into 2022)	5,209
Subtotal: Outside Purchases	9,512
Total Gross Projected Supply Available	48,970

October 2022 Quantity	Completed to Date
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121	1092
1491	16973
0	360

0	2367
0	106
70	367
38	147
46	126
0	716
0	42
949	4025

Estimates

2021-22 IN DISTRICT USE		2022-23 IN DISTRICT USE	2022-23 OCRRP USE	2022-23 TRANSFERS OUT	2022-23 MONTHLY USE
1,930	MAR	1,824			1,824
4,307	APR	3,064			3,064
5,716	MAY	5,529			5,529
6,976	JUN	6,387			6,387
7,551	JUL	7,133			7,133
4,654	AUG	4,361			4,361
2,984	SEP	2,596			2,596
1,625	OCT	1,769			1,769
188	NOV				0
255	DEC				0
45	JAN				0
1,591	FEB				0
37,822		32,663	0	0	
TOTAL USED & TRANSFERRED OUT					32,663
TOTAL SCHEDULED					2,050
TOTAL ESTIMATED FOR RESCHEDULING INTO 2023-24					14,257
TOTAL GROSS PROJECTED SUPPLY AVAILABLE					48,970

NOTE: The District has 3,259 AF in storage at AEWS and 2,000 AF in storage at LTRID.

41

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VII.C.

2022-23 Annual Additional Supplies Pool

DRAFT
 11.15.22
 Based on 0% Allocation
Pool Demands:
 Customer Requests for 2022-23 Annual Additional Supplies
 Unsubscribed Use through 09.30.22
 3717 AF
 28 AF
 3745 AF

YEAR 2022-23		@ 25% CL									
		106	2367	250	175	560	2000	42	716	6216	
		AEWSD Return	YCWA	GWD L2 Exch	Volta Well Exch	Ceres Extra	LTRID Return	O'Creek Recovery	PID		
SLDMMWA		\$39.00	\$25.00	\$29.00	\$29.00	\$29.00	\$29.00	\$29.00	\$29.00	\$45.41	
BOR Rate		\$0.00	\$105.00							\$17,008.04	
Other		\$262.00				\$185.00		\$210.00		\$6,347.44	
To Seller		\$301.00	\$988.00	\$400.00	\$533.00	\$1,015.00	\$250.00	\$239.00	\$1,200.00	\$57,888.00	
Est Cost	\$0.00	\$1,119.00	\$1,119.00	\$429.00	\$562.00	\$1,229.00	\$279.00	\$239.00	\$1,229.00	\$57,888.00	
	0	106	2,367	250	175	560	2,000	42	716	6,216	
	\$0.00	\$31,906.00	\$2,648,673.00	\$107,250.00	\$98,350.00	\$688,240.00	\$558,000.00	\$10,038.00	\$879,964.00	\$5,103,709.89	
										\$821.06	

YEAR 2022-23		@ 25% CL									
		106	2367	250	175	560	1000	42	716	5216	
		AEWSD Return	YCWA	GWD L2 Exch	Volta Well Exch	Ceres Extra	LTRID Return	O'Creek Recovery	PID		
SLDMMWA		\$39.00	\$26.00	\$29.00	\$29.00	\$29.00	\$29.00	\$29.00	\$29.00	\$45.41	
BOR Rate		\$0.00	\$105.00							\$17,008.04	
Other		\$262.00				\$185.00	\$250.00	\$210.00		\$6,347.44	
To Seller		\$301.00	\$988.00	\$400.00	\$533.00	\$1,015.00	\$279.00	\$239.00	\$1,200.00	\$57,888.00	
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	0	106	2,367	250	175	560	1,000	42	716	5,216	
	\$0.00	\$31,906.00	\$2,648,673.00	\$107,250.00	\$98,350.00	\$688,240.00	\$279,000.00	\$10,038.00	\$879,964.00	\$4,824,709.89	
										\$924.98	

YEAR 2022-23		@ 25% CL									
		106	2367	250	175	560	500	42	716	4716	
		AEWSD Return	YCWA	GWD L2 Exch	Volta Well Exch	Ceres Extra	LTRID Return	O'Creek Recovery	PID		
SLDMMWA		\$39.00	\$26.00	\$29.00	\$29.00	\$29.00	\$29.00	\$29.00	\$29.00	\$45.41	
BOR Rate		\$0.00	\$105.00							\$17,008.04	
Other		\$262.00				\$185.00	\$250.00	\$210.00		\$6,347.44	
To Seller		\$301.00	\$988.00	\$400.00	\$533.00	\$1,015.00	\$279.00	\$239.00	\$1,200.00	\$57,888.00	
Est Cost	\$0.00	\$1,119.00	\$1,119.00	\$429.00	\$562.00	\$1,229.00	\$279.00	\$239.00	\$1,229.00	\$57,888.00	
	0	106	2,367	250	175	560	500	42	716	4,716	
	\$0.00	\$31,906.00	\$2,648,673.00	\$107,250.00	\$98,350.00	\$688,240.00	\$139,500.00	\$10,038.00	\$879,964.00	\$4,685,209.89	
										\$933.47	

42

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DEL PUERTO WATER DISTRICT

STAFF REPORT/ACTION ITEM REQUEST

BOD Meeting Date: November 16, 2022

Title: USBR Rescheduling Losses

Background Information:

Starting in contract year 2021-22, rescheduled water in San Luis Reservoir was assessed a loss of 1% on the remaining balance at the end of each month, beginning in April, as imposed by Reclamation Rescheduling Guidelines. Total losses were 288 AF, which were deducted from the "District" portion of carryover during that first year of this new addition to the Rescheduling Guidelines.

The District began the 2022-23 contract year with a total of 19,196 AF of rescheduled water, almost all of which was in customer accounts. Customers were notified that beginning in 2022-23, their individual accounts would incur a calculated 1% loss each month for any carryover not used.

Because the Rescheduling Guidelines require the District to exhaust all carryover supplies before using current year supplies, there is a "mismatch" between the timing of when carryover is recorded as fully used in the Districts USBR reporting vs. what is recorded in each customer account. As an example, USBR records show all carryover (less monthly 1% losses totaling 423 AF) as evacuated from SLR in July of 2022. On the Districts records, however, customers still had 3,445 AF of carryover remaining and losses on customer accounts totaled 455 AF.

Issues for Consideration/Discussion:

As of July 31, 2022, 423 AF of losses were imposed on the District per Reclamation rescheduling guidelines; cumulative losses assessed to customers as of July 31, 2022 were 455 AF.

At issue for consideration by the Board is whether the District continue to assess the 1% loss on customer's accounts with remaining rescheduled water each month until their water is used, or cease the 1% loss after July once the total amount of losses charged to customers exceeded losses imposed by Reclamation on the District?

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Del Puerto Water District
Active Permits and Licenses
As of October 31, 2022

Active Permits

<u>Permit No.</u>	<u>Issued Date</u>	<u>Expires</u>	<u>Project</u>	<u>Landowner/Entity</u>	<u>Location</u>
P2202026	3/3/2022	12/2/2022	Temporary Drafting of Construction Water - NextEra Solar Project	Cupertino Elec. & Dacon Corp.	45.78R/Davis Road
P2302003	4/8/2022	5/31/2023	Monthly Water Samples for Trihalomethanes (THM's)	City of Turlock/NVRRWP	37.24 to 45.77
P2302017	8/3/2022	12/1/2022	Temporary Storage of Commodities (Almonds & Gypsum)	Multiple	32.61 to 65.89
P2302020	8/16/2022	10/31/2022	Temporary Drafting of Drilling Water - DPCR Project	DPWD	39.21/Rogers Road

Active Licenses

<u>Contract No.</u>	<u>Issued Date</u>	<u>Expires</u>	<u>Project</u>	<u>Location</u>
15-LC-20-0643	7/14/2015	In Progress	Installation of Non-Project Warren Act Pump-In	Shiraz Ranch 51.00R

44

VII. E.

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