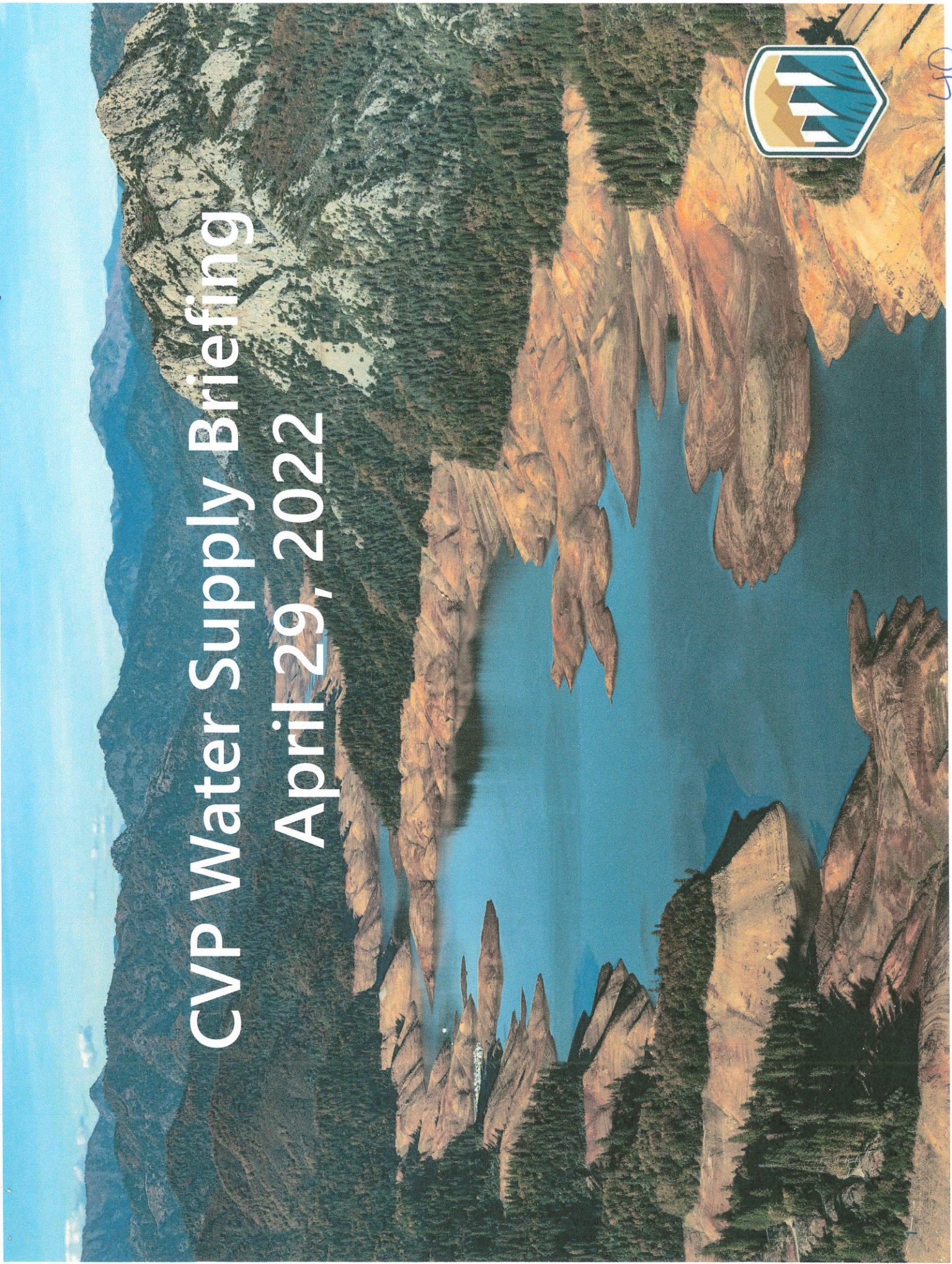


CVP Water Supply Briefing April 29, 2022



Precipitation Index – Northern Sierra

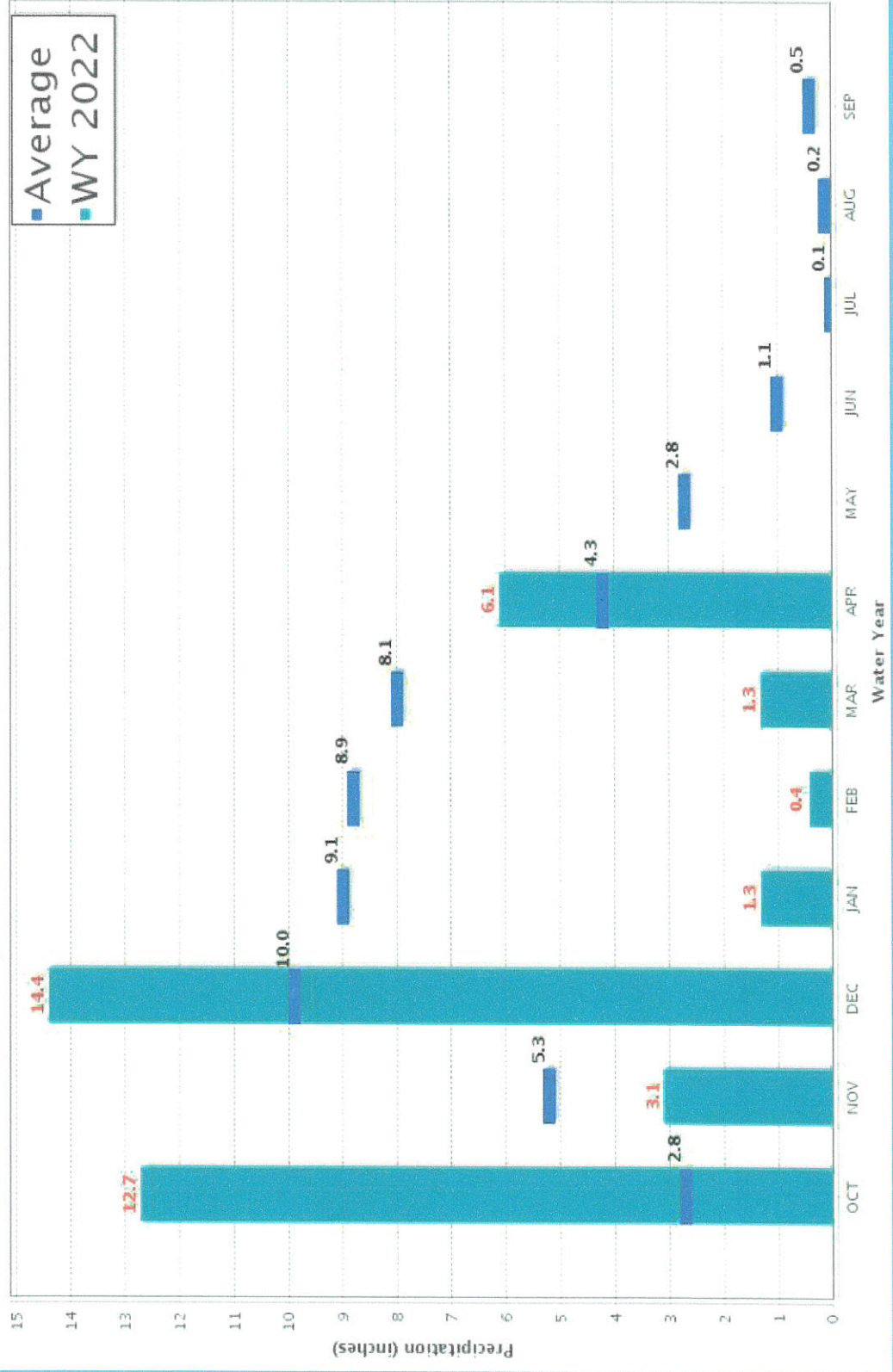


Northern Sierra 8 – Station

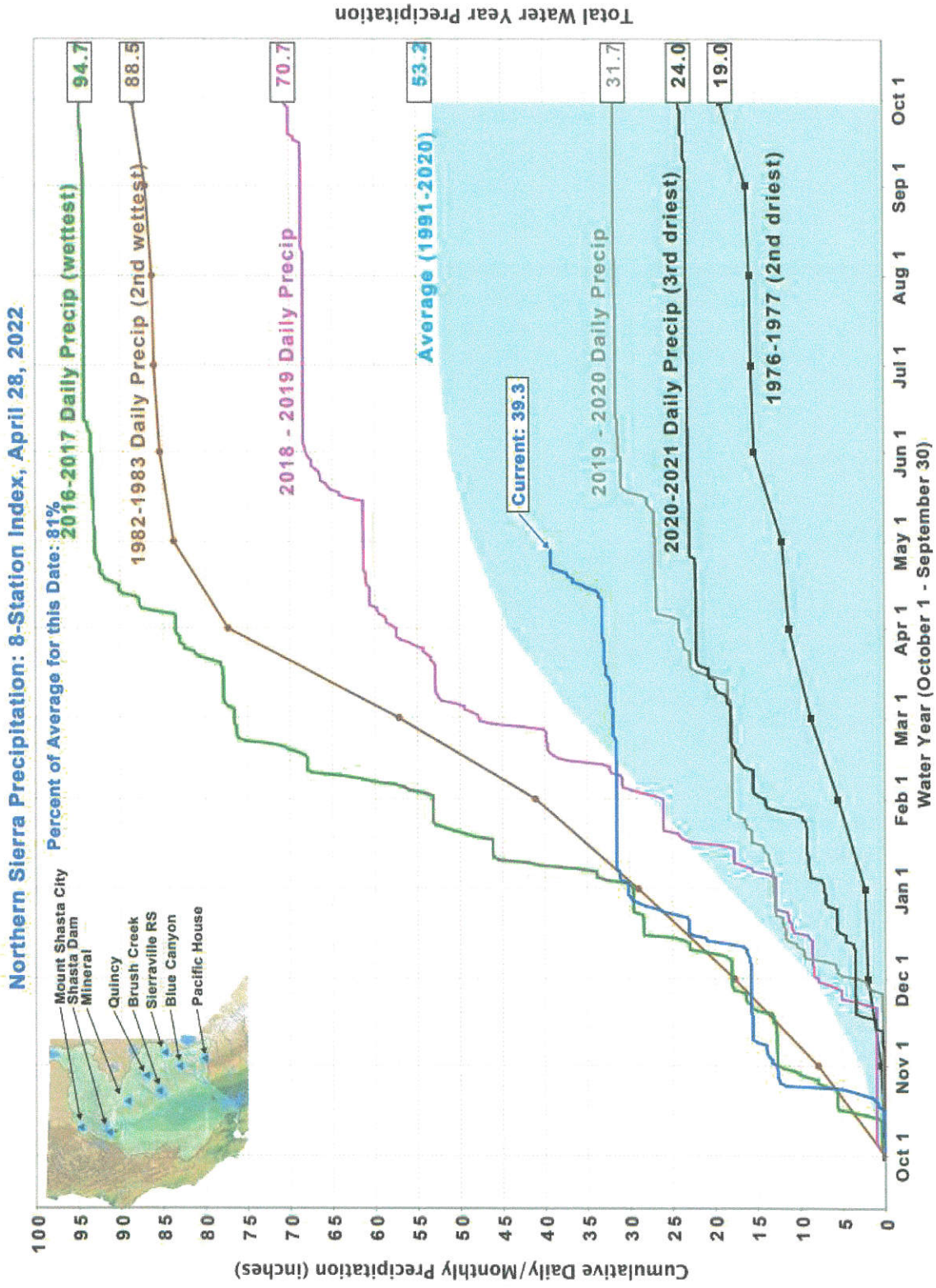
Precipitation Index for Water Year 2022 – Updated on April 28, 2022 10:48 AM

Note: Monthly totals may not add up to seasonal total because of rounding

Water Year Monthly totals are calculated based on Daily precipitation data from 12am to 12am PST



Precipitation Index – Northern Sierra



Precipitation Index – San Joaquin

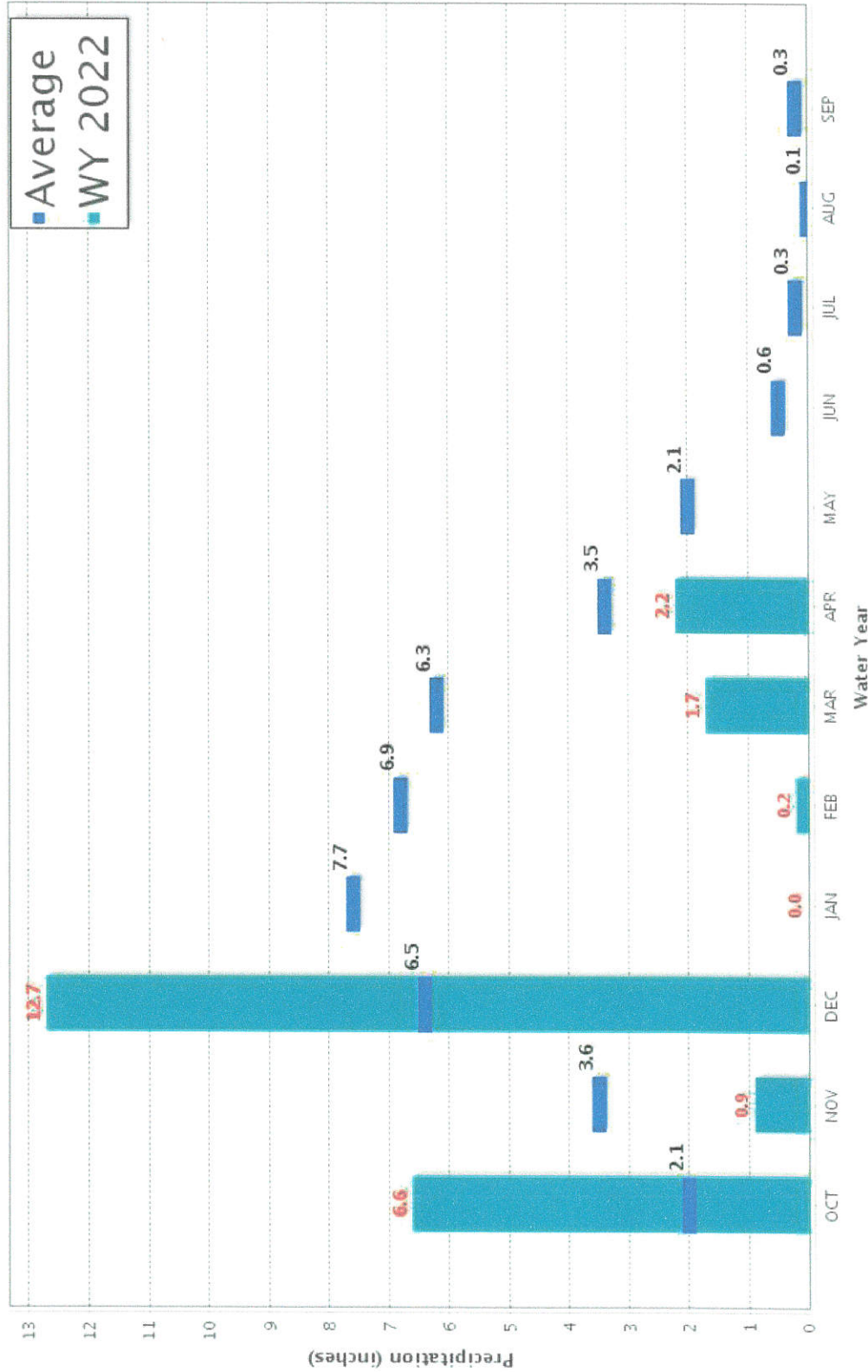


San Joaquin 5-Station

Precipitation Index for Water Year 2022 – Updated on April 28, 2022 12:48 PM

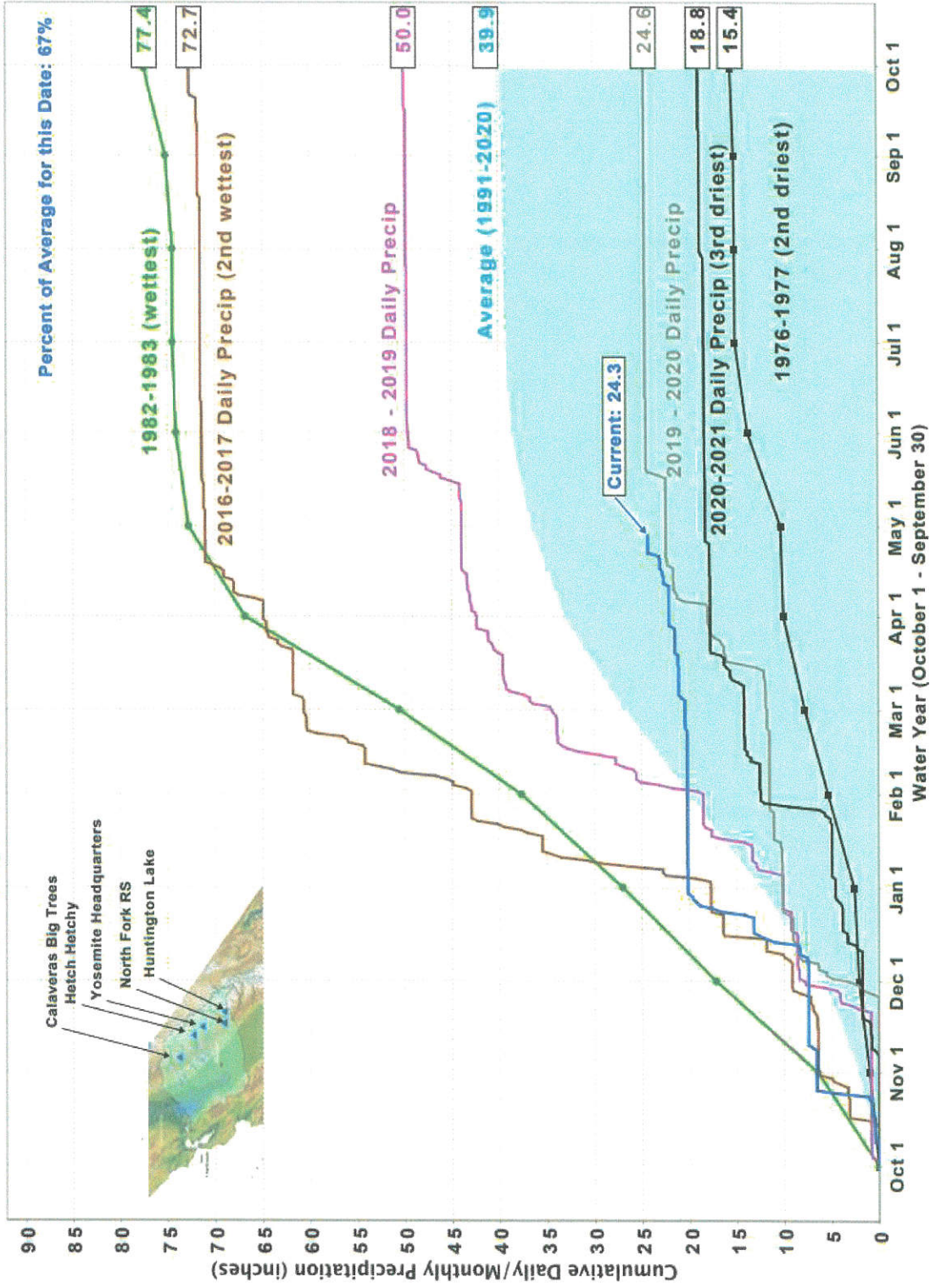
Note: Monthly totals may not add up to seasonal total because of rounding

Water Year Monthly totals are calculated based on Daily precipitation data from 12am to 12am PST



Precipitation Index – San Joaquin

San Joaquin Precipitation: 5-Station Index, April 28, 2022

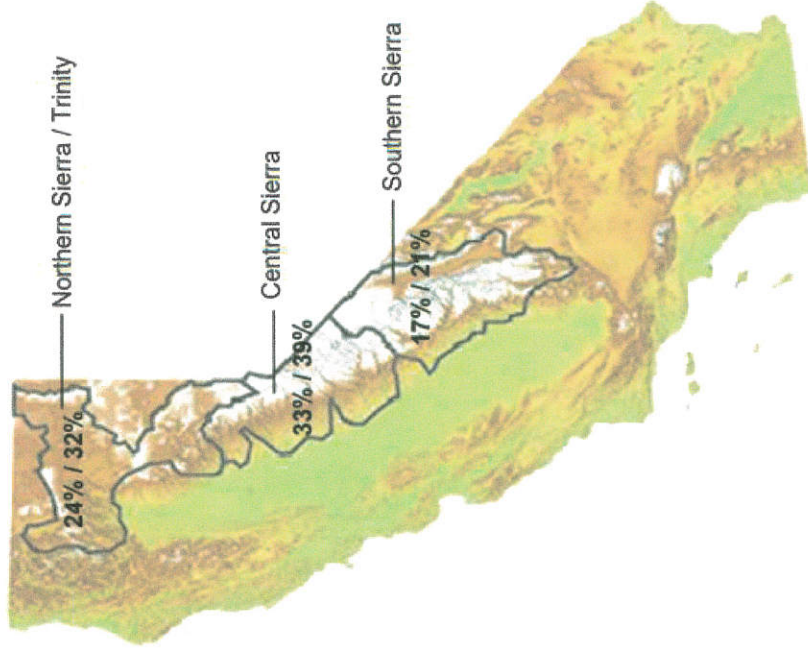


Current California Snowpack



CURRENT REGIONAL SNOWPACK FROM AUTOMATED SNOW SENSORS

% of April 1 Average / % of Normal for This Date



NORTH	
Data as of April 28, 2022	
Number of Stations Reporting	29
Average snow water equivalent (Inches)	6.8
Percent of April 1 Average (%)	24
Percent of normal for this date (%)	32

CENTRAL	
Data as of April 28, 2022	
Number of Stations Reporting	43
Average snow water equivalent (Inches)	9.7
Percent of April 1 Average (%)	33
Percent of normal for this date (%)	39

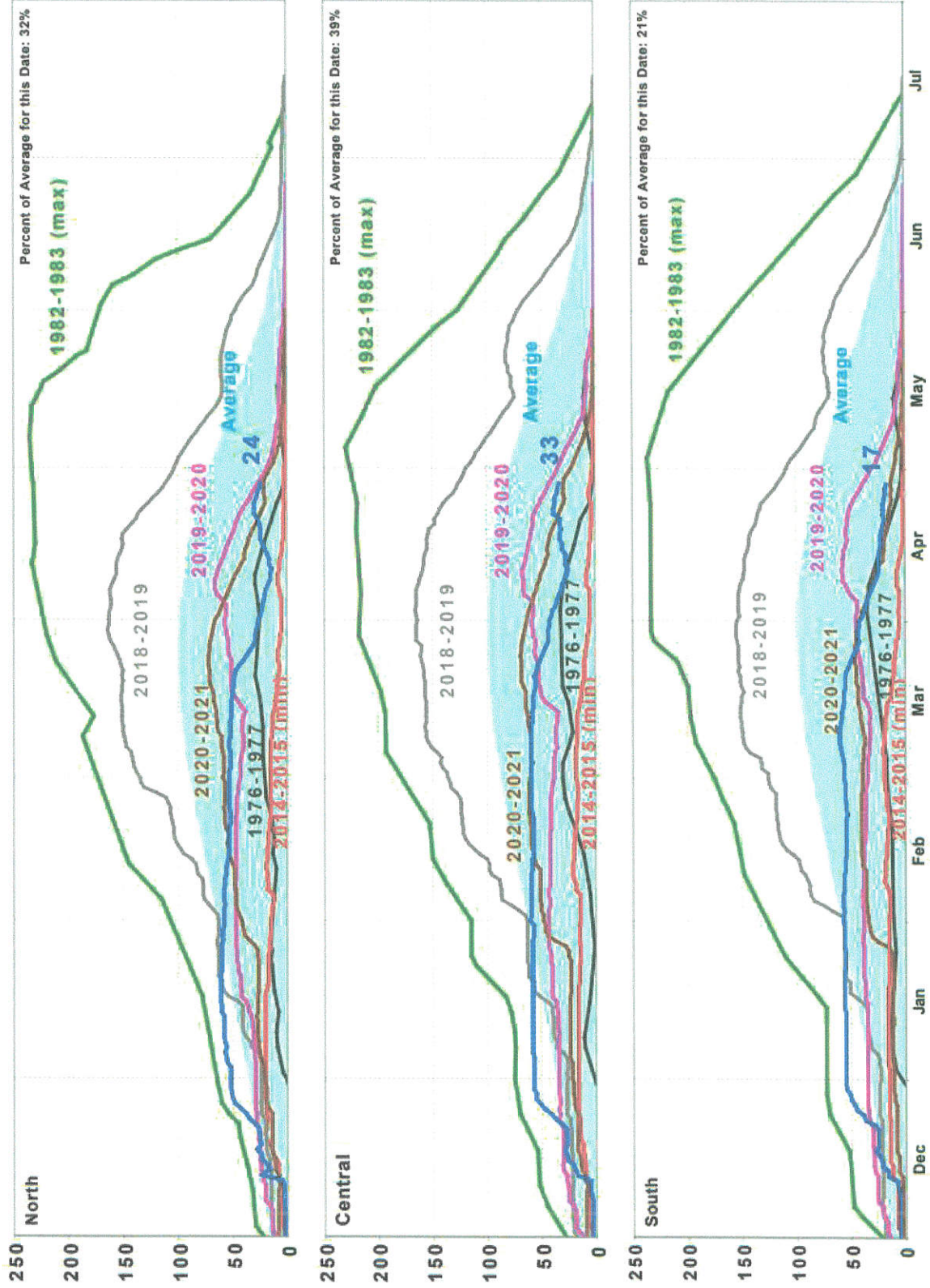
SOUTH	
Data as of April 28, 2022	
Number of Stations Reporting	25
Average snow water equivalent (Inches)	4.2
Percent of April 1 Average (%)	17
Percent of normal for this date (%)	21

STATE	
Data as of April 28, 2022	
Number of Stations Reporting	97
Average snow water equivalent (Inches)	7.4
Percent of April 1 Average (%)	26
Percent of normal for this date (%)	32

Statewide Average: 26% / 32%

Snow Water Content

California Snow Water Content, April 28, 2022, Percent of April 1 Average



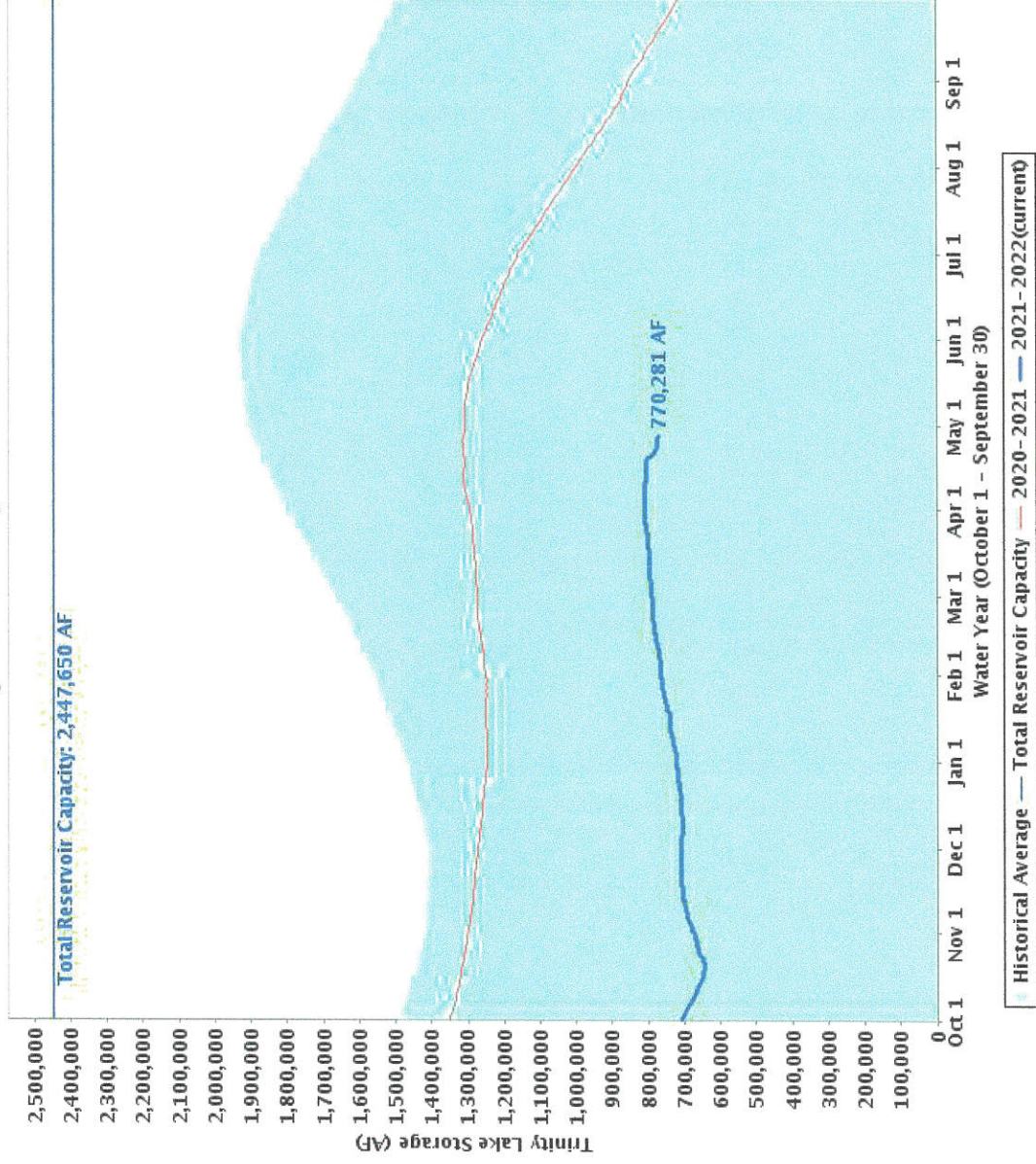
Statewide Percent of Average for April 1: 26%

Statewide Percent of Average for Date: 32%

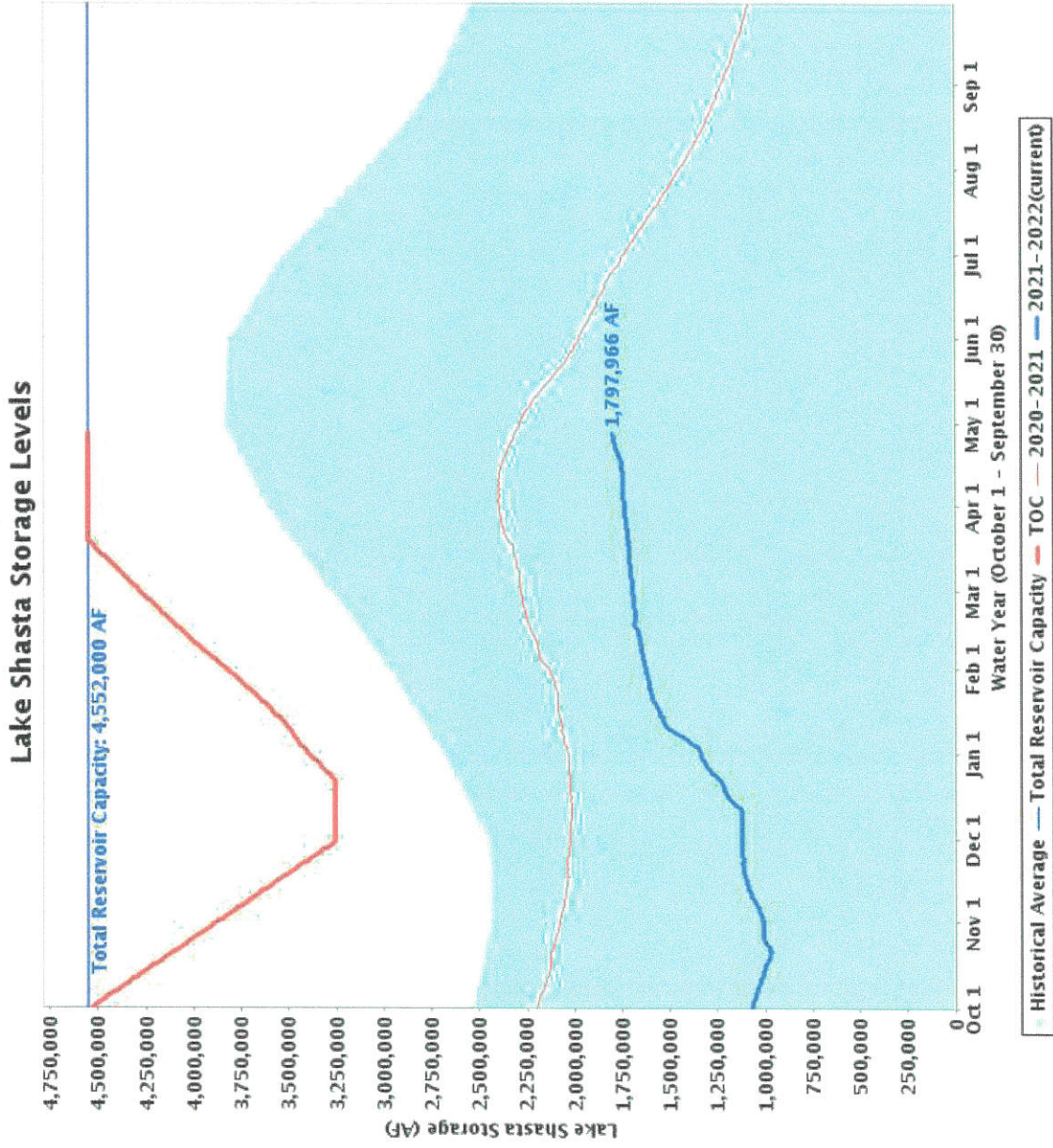


Trinity Storage

Trinity Lake Storage Levels

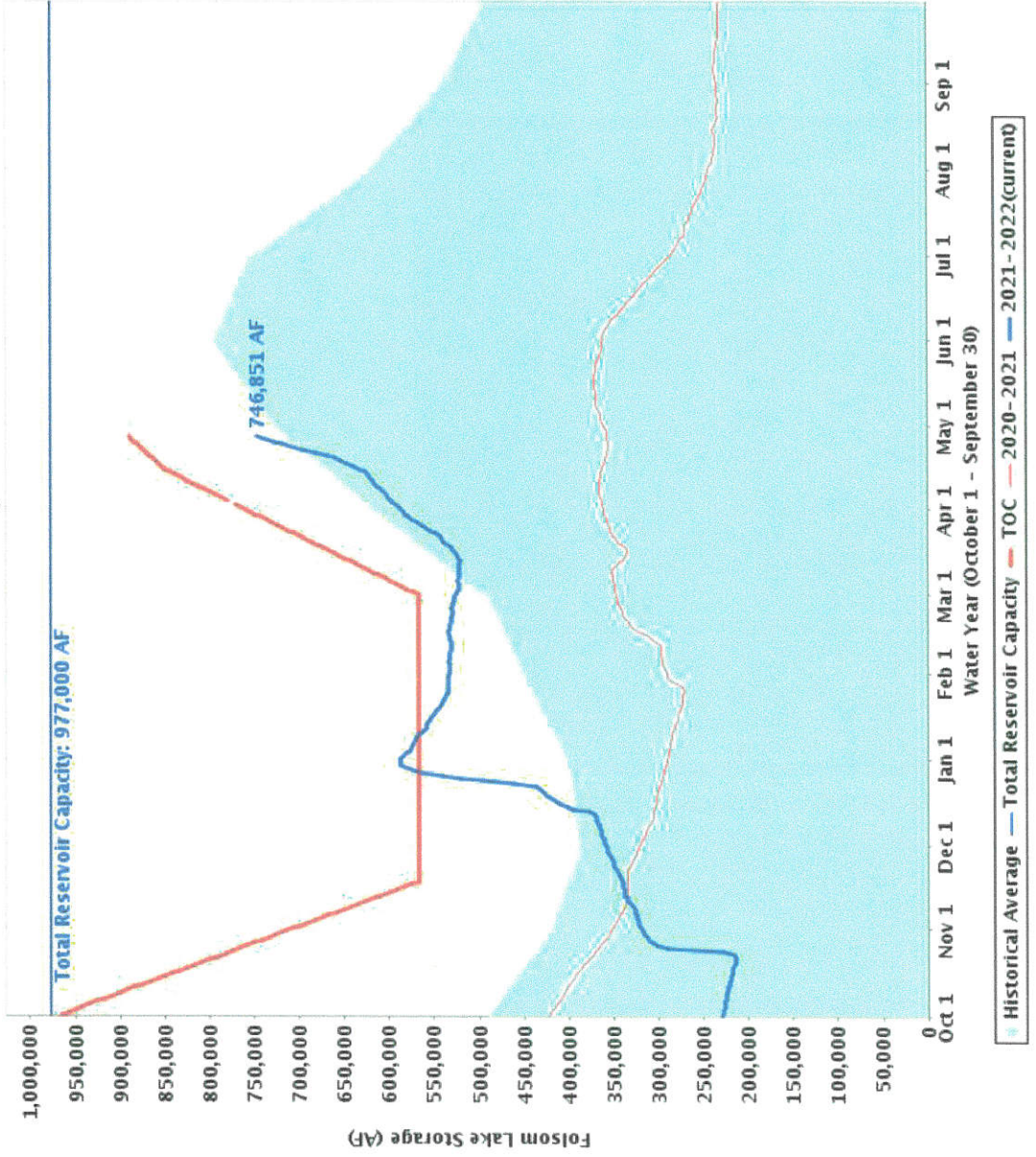


Shasta Storage

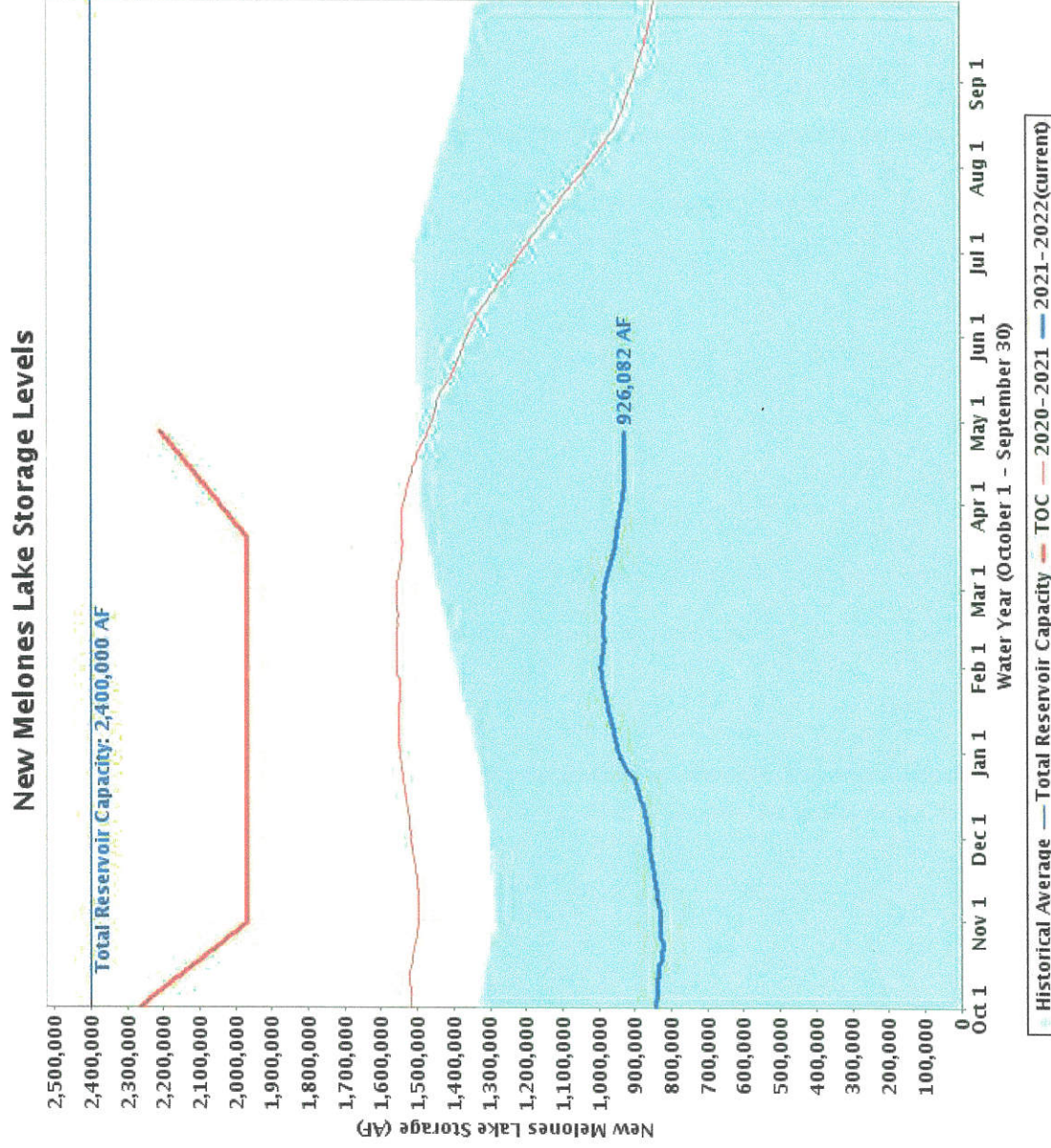


Folsom Storage

Folsom Lake Storage Levels

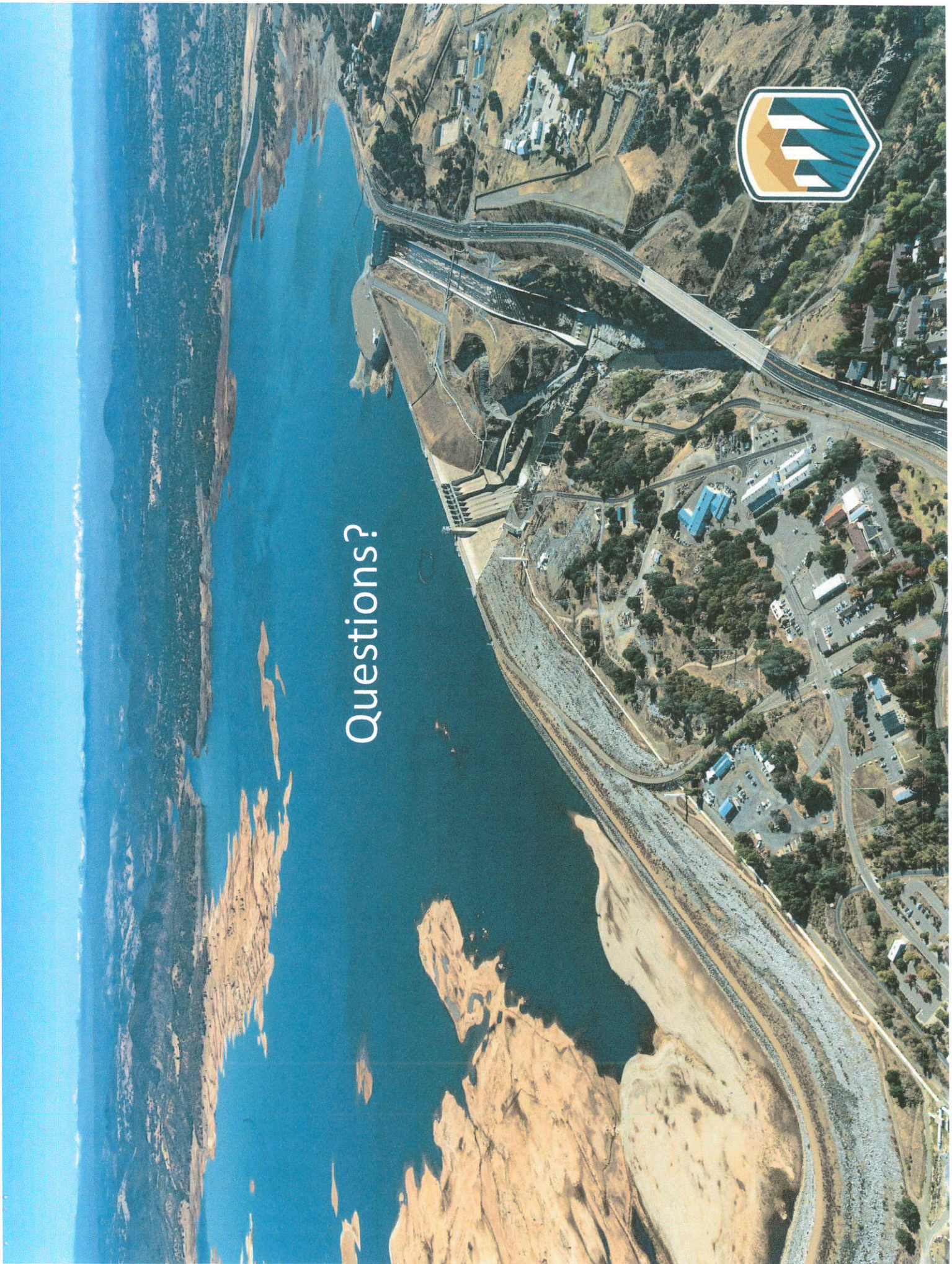


New Melones Storage





Questions?





Westlands Water District
MEMORANDUM

TO: SLDMWA BOARD OF DIRECTORS
FROM: TOM BOARDMAN, WATER RESOURCES ENGINEER
SUBJECT: MAY OPERATIONS UPDATE
DATE: MAY 6, 2022

Project Operations

- Jones pumped at 900 cfs during April as Reclamation met a reduced Delta outflow standard allowed by a Temporary Urgency Change Order (TUCO) that was granted by the State Water Resources Control Board in early April. Although increased runoff from the mid- April storms might have supported higher pumping, export limitations related to a 30-day D-1641 San Joaquin pulse flow that began April 18 precluded an increase at Jones.
- The current Delta outflow requirement is about 4,500 which is about 3,000 cfs less than the D-1641 requirement thanks to the recently issued TUCO. As such, the reduced outflow standard will allow the Projects to conserve at least 185 TAF in upstream reservoirs.
- Reclamation latest forecast shows the accounting balance under the Coordinated Operations Agreement (COA) at about 265 TAF in favor of the CVP. The current balance includes water released from New Melones last year to meet part of the SWP's share of Delta requirements. Since the recent storms improved Oroville storage, the SWP is now projected to pay off its COA debt by late this year.
- Accumulated precipitation in the Sacramento Valley finished April 140% of average. Year to date precipitation is at 82% of average which is about 17" more than this date last year.
- Shasta storage is 1.81 TAF - 52% of average. The mid-April storms did not favor the Shasta watershed as much as Oroville and Folsom bringing only 4 inches of precipitation to the basin during the month. With reservoir releases at the minimum rate of 3,250 cfs, storage continues to increase at about 2 TAF per day. Reclamation's latest forecast shows the releases at about 35% of average during the summer with a projected carryover storage of 1.1. MAF.
- Folsom storage is 794 TAF – an increase of nearly 200 TAF since April 1. The improved storage will allow Reclamation to draw on Folsom more this summer to meet Delta requirements.
- CVP demands for April were about 45% of the 15-year average. About 36 TAF or 55% of the monthly demand flowed into the Mendota Pool from the San Joaquin River to meet Exchange Contractor demands.

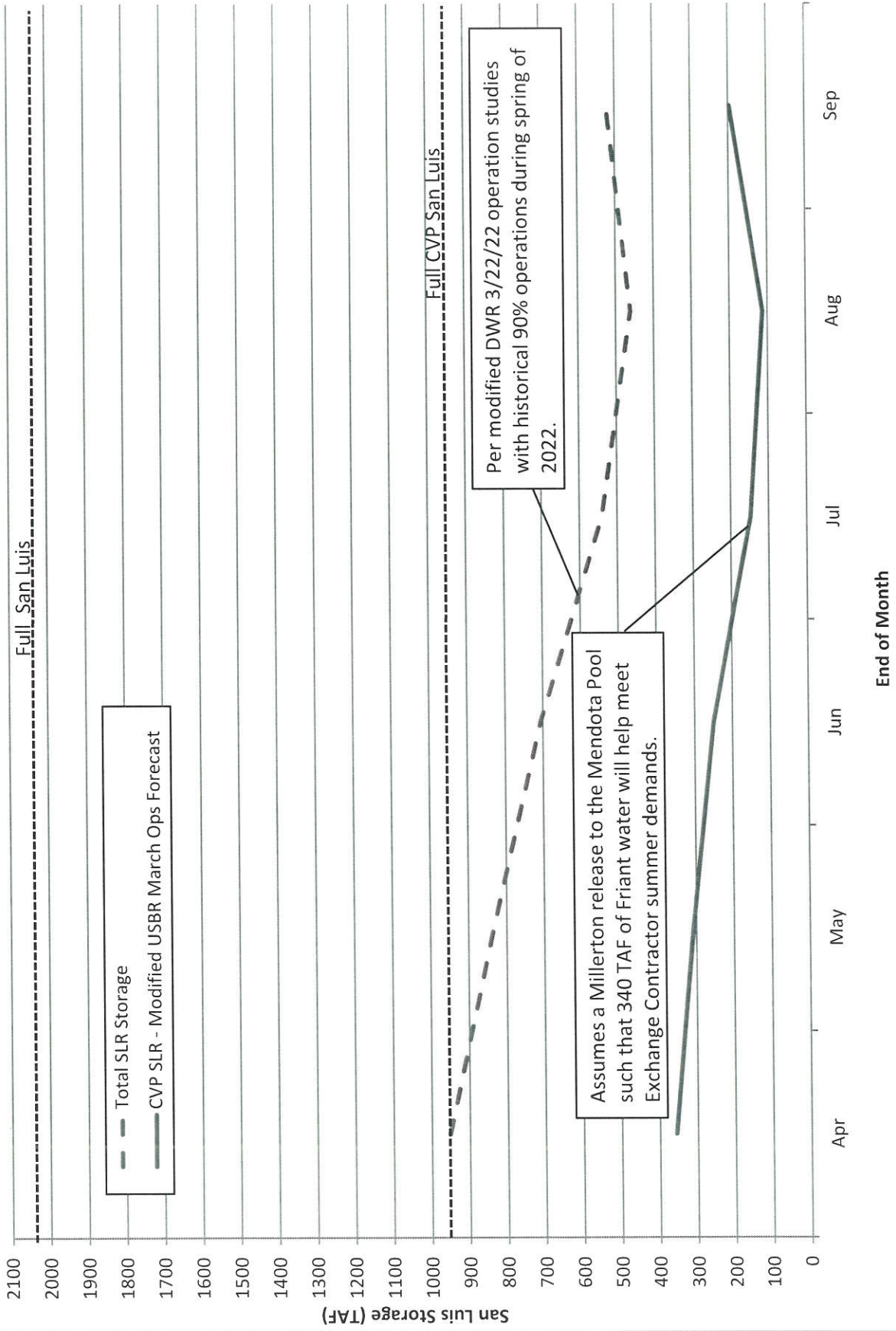
2021-22 San Luis Reservoir Operations

Amidst minimum CVO exports, low Ag & Urban demands coupled with Friant releases to help meet Exchange Contractor demands allowed the CVP share of the San Luis Reservoir (SLR) to increase by 24 TAF during April. Total CVP SLR storage has been hovering at about 357 TAF during the past 7 days which includes an estimated 220 TAF of undelivered rescheduled water.

The attached 90% and 50% exceedance SLR charts reflect the release of about 450 TAF from Millerton Lake to meet Exchange Contractor demands during April through mid-September. Assuming a 25% channel loss between Friant Dam and the Mendota Pool, about 340 TAF of Friant water will supplement Delta pumping to help meet Reclamation's contractual delivery obligation to the Exchange Contractors.

2021-22 San Luis Storage Projection

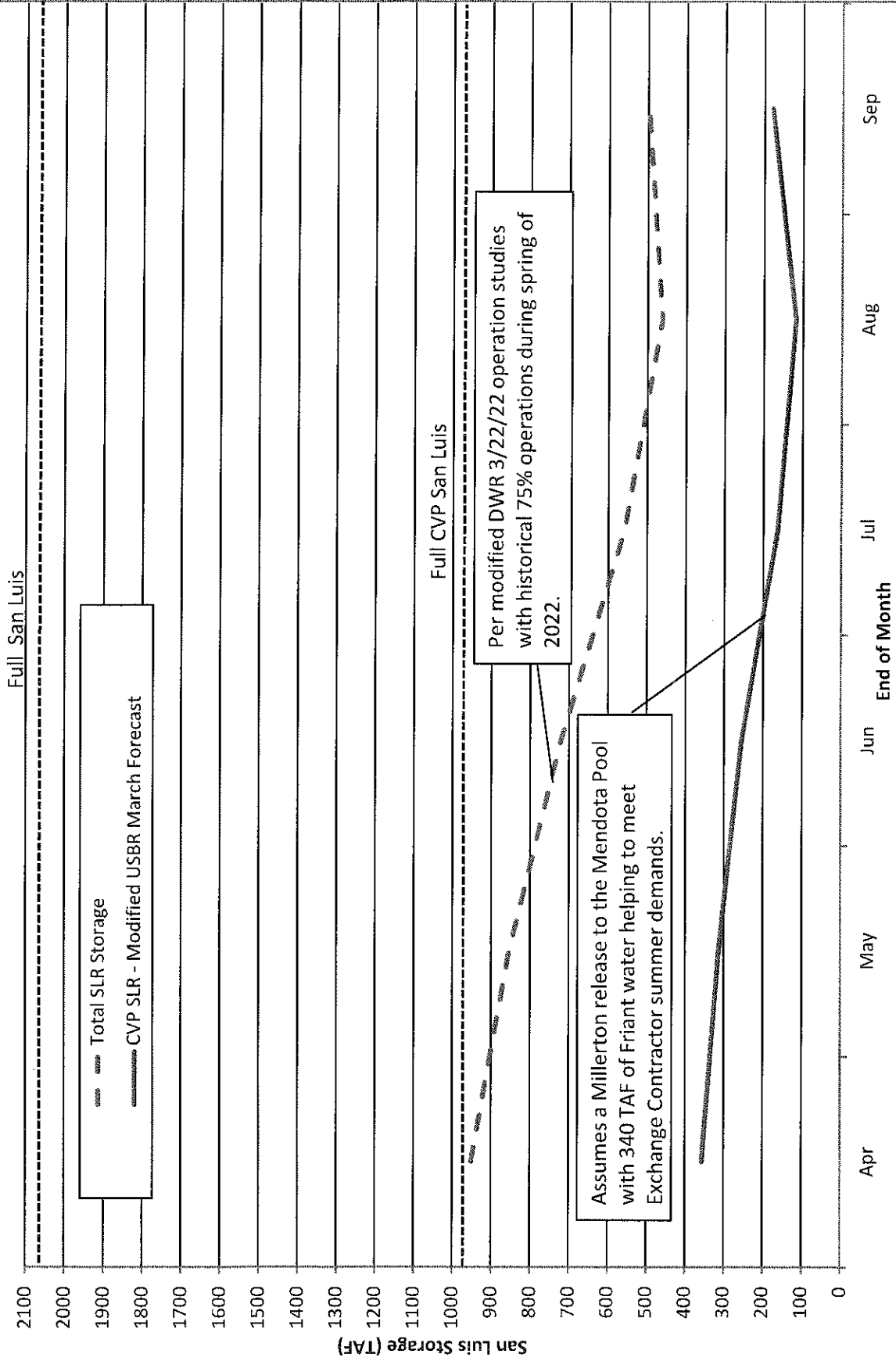
90% Exceedance Hydrology



23

2021-22 San Luis Storage Projection

50% Exceedance Hydrology



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VII. B.

DEL PUERTO WATER DISTRICT 2022-23 SUPPLY/USE/COMPLETED TRANSACTIONS SUMMARY
as of April 30, 2022

Supply Type	2022-23
2021-22 Rescheduled Warren Act Supply	1,453
2021-22 Rescheduled Warren Act Supply	4,291
2021-22 Rescheduled NVRRWP Supply	13,472
Lees: Monthly 1% Storage Loss Est.	(393)
Sub-Total: Rescheduled Supplies	18,823
2022 CVP Allocation (0%)	0
2022 Ground Water Pump-Ins	3,276
2022 NVRRWP	18,602
2022 CCID Exchange	473
Sub-Total: Current Year Customer Supplies	22,351
2022 YCWA	1,841
2022 AEWS	9
2022 GWD Transfer	250
2022 Volta Wells Transfer	175
2021 Mapes Transfer (Continued into 2022)	5,210
Subtotal: Outside Purchases	7,485
Total Gross Projected Supply Available	48,659

Apr 2022 Quantity	Completed to Date
-------------------	-------------------

194	426
2072	4298

9	9
1357	2730

2021-22 IN DISTRICT USE		2022-23 IN DISTRICT USE	2022-23 OCRPP 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				0
6,976	JUN				0
7,551	JUL				0
4,654	AUG				0
2,984	SEP				0
1,625	OCT				0
188	NOV				0
255	DEC				0
45	JAN				0
1,591	FEB				0
37,822		4,888	0	0	
TOTAL USED & TRANSFERRED OUT					4,888
TOTAL SCHEDULED					32,150
TOTAL ESTIMATED FOR RESCHEDULING INTO 2023-24					11,621
TOTAL GROSS PROJECTED SUPPLY AVAILABLE					48,659

NOTE: The District has 3,356 AF in storage at AEWS and 2,000 AF in storage at LTRID.

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VII.C.

Customers	14247
Late Cust.	274
Pacheco Rtn	395
WWD 2021	500
WWD 2022	500
SLWD	2000
Solar Trans	260
NVRRWP Short	729
	18,905

05.03.22
Based on 0% Allocation

THIS SCENARIO ASSUMES ALL TRANSACTIONS PERFECTED

10,000 Gross
9,500 Net

395
500
2000
258
1790
4943

YEAR 2021-22	789 District C/O	395 Pacheco Return	303 SLCC	326 FCWD	2000 CCWD	119 HOMER	1747 PID	9500 Mapes Trxfr	62 WSID Non-Proj	60 AEWSD Return	4158 YCWA	281 GWD L2 Exch	177 Volta Well Exch	6051 SEWD	25968
SLDMWA	\$29.00	\$29.00	\$29.00	\$29.00	\$29.00	\$29.00	\$29.00	\$15.19	\$29.00	\$29.00	\$29.00	\$29.00	\$29.00	\$29.00	
BOR Rate	\$40.00	\$40.00						\$70.26	\$68.00		\$40.00				
Other								\$150.00		\$262.00					
To Seller	\$185.00	-\$575.00	\$950.00	\$725.00	\$200.00	\$1,250.00	\$360.00	\$447.00	\$150.00		\$569.00	\$400.00	\$533.00	\$444.00	
Est Cost	\$254.00	-\$506.00	\$979.00	\$754.00	\$229.00	\$1,279.00	\$389.00	\$682.46	\$247.00	\$291.00	\$638.00	\$429.00	\$562.00	\$473.00	
	<u>789</u>	<u>395</u>	<u>303</u>	<u>326</u>	<u>2,000</u>	<u>119</u>	<u>1,747</u>	<u>9,500</u>	<u>62</u>	<u>60</u>	<u>4,158</u>	<u>281</u>	<u>177</u>	<u>6,051</u>	
	\$200,406.00	-\$199,870.00	\$296,637.00	\$245,804.00	\$458,000.00	\$152,201.00	\$679,583.00	\$6,483,336.00	\$15,314.00	\$17,460.00	\$2,652,804.00	\$120,549.00	\$99,474.00	\$2,862,123.00	\$13,492,205.22
															\$519.57

303 To SLWD 326 To SLWD 119 To SLWD 1,252 To SLWD
500 to WWD

THIS SCENARIO ASSUMES ALL TRANSACTIONS PERFECTED WITH
MAPES TRANSFER AT ACTUAL TO DATE

7,390 Gross
7,021 Net

YEAR 2021-22	789 District C/O	395 Pacheco Return	303 SLCC	326 FCWD	2000 CCWD	119 HOMER	1747 PID	7021 Mapes Trxfr	62 WSID Non-Proj	60 AEWSD Return	4158 YCWA	281 GWD L2 Exch	177 Volta Well Exch	6051 SEWD	23489
SLDMWA	\$29.00	\$29.00	\$29.00	\$29.00	\$29.00	\$29.00	\$29.00	\$15.19	\$29.00	\$29.00	\$29.00	\$29.00	\$29.00	\$29.00	
BOR Rate	\$40.00	\$40.00						\$70.26	\$68.00		\$40.00				
Other								\$150.00	\$150.00	\$262.00					
To Seller	\$185.00	-\$575.00	\$950.00	\$725.00	\$200.00	\$1,250.00	\$360.00	\$478.00	\$150.00		\$569.00	\$400.00	\$533.00	\$444.00	
Est Cost	\$254.00	-\$506.00	\$979.00	\$754.00	\$229.00	\$1,279.00	\$389.00	\$713.46	\$397.00	\$291.00	\$638.00	\$429.00	\$562.00	\$473.00	
	<u>789</u>	<u>395</u>	<u>303</u>	<u>326</u>	<u>2,000</u>	<u>119</u>	<u>1,747</u>	<u>7,021</u>	<u>62</u>	<u>60</u>	<u>4,158</u>	<u>281</u>	<u>177</u>	<u>6,051</u>	
	\$200,406.00	-\$199,870.00	\$296,637.00	\$245,804.00	\$458,000.00	\$152,201.00	\$679,583.00	\$5,009,177.53	\$24,614.00	\$17,460.00	\$2,652,804.00	\$120,549.00	\$99,474.00	\$2,862,123.00	\$12,027,346.75
															\$512.04

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SECOND AMENDMENT TO GROUNDWATER CONVEYANCE AGREEMENT

This Second Amendment (this "Second Amendment") to that certain Groundwater Conveyance Agreement (the "Agreement") between the West Stanislaus Irrigation District ("WSID") and the Del Puerto Water District ("DPWD"), dated May 6, 2021, is dated this 7th day of May, 2022 (the "Second Amendment Effective Date").

RECITALS

WHEREAS, the parties entered into the Agreement to provide for WSID's diversion of the Transfer Water from the San Joaquin River and delivery of the Transfer Water to DPWD; and


WHEREAS, the Parties wish to amend the Agreement to amend its Term and clarify other terms.

AMENDMENT

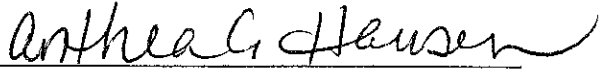
1. Capitalized terms not otherwise defined herein shall have the meanings ascribed to them in the Agreement.
2. Section 2 of the Agreement is hereby deleted in its entirety and is amended and restated as follows:
 2. Term. The Term of this Agreement shall commence upon execution and shall terminate on October 31, 2022.
3. Section 8 of the Agreement is hereby deleted in its entirety and is amended and restated as follows:
 8. Priorities. DPWD acknowledges that WSID's ability to deliver the Transfer Water pursuant to this Agreement is impacted by WSID's irrigation demands, water levels in the San Joaquin River, capacity in the DMC, WSID pump facility failures, WSID maintenance outages, WSID capital improvement outages, and WSID's need to put water into the DMC for storage for future needs. DPWD further acknowledges that priority to capacity in the WSID's water conveyance facilities shall all times be given to meet WSID's irrigation water demands, WSID's storage needs, and WSID's opportunities to obtain additional water supplies to protect against dry year contingencies ("**WSID Priorities**"), and WSID shall not be obligated to convey Transfer Water at times when all of the available capacity in its water conveyance facilities is needed to meet the WSID Priorities. Availability of capacity shall be determined by WSID at its reasonable discretion and is subject to change from time to time.
4. Except as expressly provided for herein, the Agreement shall remain unchanged and in full force and effect.
5. This Second Amendment may be executed in multiple counterparts, each of which shall be deemed an original, and all of which together shall constitute one and the same instrument.

IN WITNESS WHEREOF, the Parties have executed this Second Amendment as of the Second Amendment Effective Date.

WEST STANISLAUS IRRIGATION
DISTRICT

By: 
Robert Pierce
General Manager

DEL PUERTO WATER DISTRICT

By: 
Anthea G. Hansen
General Manager

VII.E.

San Luis & Delta-Mendota Water Authority
 2022 Yuba Water Allocation/Pricing
 With 25% and 30% Carriage Loss

Quantities are Subject to Change

Available Water	Total AF	SLDMWA (AF)	Price (\$/AF)	Total Cost
Surface Water	0	0		
C1	0	0	447.00	\$0
C2	0	0	357.60	\$0
C3	0	0	447.00	\$0
Groundwater	62,400	31,200	800.00	\$ 24,960,000
Total	62,400	31,200		\$ 24,960,000
Blended Rate			\$ 800.00	

	Total AF	Yuba Allocation %	C1			C2			C3			C4		
			Gross Quantity (AF)	30% Carriage Loss (AF)	25% Carriage Loss (AF)	Gross Quantity (AF)	30% Carriage Loss (AF)	25% Carriage Loss (AF)	Gross Quantity (AF)	30% Carriage Loss (AF)	25% Carriage Loss (AF)	Gross Quantity (AF)	30% Carriage Loss (AF)	25% Carriage Loss (AF)
			0	0	0	0	0	0	0	0	0	31,200	21,840	23,400
BBID	20,600	1.2388%	0	0	0	0	0	0	0	0	0	386	271	290
BWD	27,000	1.6236%	0	0	0	0	0	0	0	0	0	507	355	380
DPWD	140,210	8.4314%	-1	0	0	0	0	0	0	0	0	2,631	1,841	1,973
EFWD	4,550	0.2736%	0	0	0	0	0	0	0	0	0	85	60	64
Mercy Springs	2,842	0.1709%	0	0	0	0	0	0	0	0	0	53	37	40
Pacheco	10,080	0.6061%	0	0	0	0	0	0	0	0	0	189	132	142
Panoche	94,000	5.6526%	0	0	0	-1	0	0	0	0	0	1,764	1,235	1,323
SBCWD	35,550	2.1378%	0	0	0	-1	0	0	0	0	0	667	467	500
SLWD	125,080	7.5215%	0	0	0	0	0	0	0	0	0	2,347	1,643	1,760
SCVWD	34,665	2.0845%	0	0	0	0	0	0	0	0	0	650	455	488
WWD	1,168,383	70.2592%	-1	0	0	0	0	0	1	0	0	21,921	15,344	16,441
Total	1,662,960	100.00%	0	1	0	0	0	0	0	1	0	31,200	21,840	23,400

Water will be pumped at Jones Pumping Plant between July-November
 Conveyance Cost = Authority's O&M Rate to Delivery Point

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 C1-C3 pricing is based on Sacramento Valley 40-30-30 Consecutive Dry/Critical year classification.
 C2 price is 80% of C1/C3 price

*Updated on 4-5-2022 per information received from DWR on 4-4-2022
 Update on 5-15-2022 per informaton received from DWR- Zero Surface Water

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Total			July	August Estimate	September Estimate
Gross Quantity (AF)	30% Carriage Loss (AF)	25% Carriage Loss (AF)	(AF)	(AF)	(AF)
31,200	21,840	23,400			
386	271	290			
507	355	380			
2,630	1,841	1,973			
85	60	64			
53	37	40			
189	132	142			
1,763	1,235	1,323			
666	467	500			
2,347	1,643	1,760			
650	455	488			
21,921	15,344	16,440			
31,197	21,840	23,400			

0

Anthea Hansen

From: Frances Mizuno <mizunoconsulting@gmail.com>
Sent: Monday, May 16, 2022 8:18 PM
To: 'Rick Gilmore'; 'Kelly Geyer'; Anthea Hansen; Paul Stearns; 'Lon Martin'; 'Ara Azhderian'; 'Jeff Cattaneo'; 'Dana Jacobson'; 'Katherine Maher'; 'Russ Freeman'; 'Jose Gutierrez'; jfb@jfbri.com; 'Chase Hurley'
Cc: 'Pablo Arroyave'; 'Federico Barajas'; 'Rebecca R. Akroyd'; 'Jon Rubin'
Subject: Explanation for Reduction in Yuba Surface Water Transfer Volume

Yuba Water Transfer AA Participants,

Below is an explanation of the primary reason for the drastic change in the amount of surface water quantity availability for 2022.

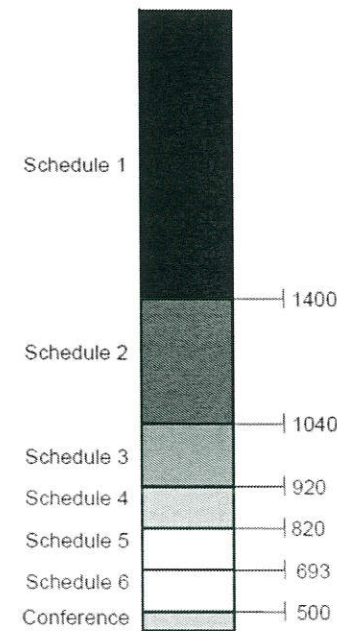
The April storms changed the North Yuba River Index (NYI) from a **Critical to Dry Year Classification**. The B120 May forecast shows the NYI at 923 TAF. With a NYI of 923 TAF, it changed the NYI from the previous Critical Year to a Dry Year Classification and therefore changed Yuba's operations from a **Schedule 4 to a Schedule 3 baseline/instream flow operational requirement**. (See the Year Type Classification and Flow Schedule below) Under this new Schedule 3, YWA is subject to increased baseline/instream flow conditions (see inflow stream requirement schedule below) at Marysville gage. It changed the Yuba Accord baseline operations from minimum flow (D-1644) to storage management (end-of-September storage baseline target of 705 TAF). **Since the available surface transfer water under the Accord is the difference between release flows and baseline flows, and with the increase in baseline flow, it drastically reduced the quantity of transfer water that would have been made available.** YCWA has been and will continue to operate at minimum flow requirements to meet storage targets for New Bullards Bar Reservoir. Therefore they cannot generate more transfer flow by operating at higher flows above minimum flow. The flow at the Marysville gauge will be very close to the flow required in the Schedule 3 based on the NYI.

There are still some variables out there. The current index of 923 TAF is on the cusp between a Schedule 3 (less than 920 TAF) and Schedule 4 (equal to or greater than 920 TAF). Also, the PG&E forecast of spills has impact on transfer volumes. The final update to Bulletin 120 is expected to be released by May 31 and PG&E should be done with their spills by then. So things may still change as a result of the final B120 update. Stayed tuned.

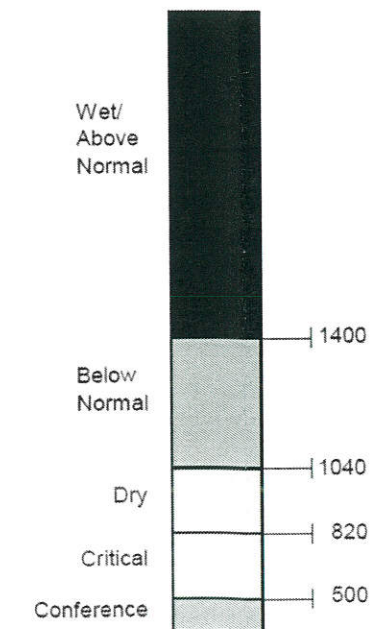
Please let me know if you have any questions.

Frances

Flow Schedule Year Type	North Yuba Index Thousand Acre-Feet (TAF)
Schedule 1	Equal to or greater than 1400
Schedule 2	Equal to or greater than 1040 and less than 1400
Schedule 3	Equal to or greater than 920 and less than 1040
Schedule 4	Equal to or greater than 820 and less than 920
Schedule 5	Equal to or greater than 693 and less than 820
Schedule 6	Equal to or greater than 500 and less than 693
Conference Year	Less than 500



Year Type Classification	North Yuba Index Thousand Acre-Feet (TAF)
Wet and Above Normal	Equal to or greater than 1400
Below Normal	Equal to or greater than 1040 and less than 1400
Dry	Equal to or greater than 820 and less than 1040
Critical	Equal to or greater than 500 and less than 820
Conference Year	Less than 500



Instream Flow Requirements

Period	Wet & Above Normal Years (cfs)		Below Normal Years (cfs)		Dry Years (cfs)	
	Smartville Gage	Marysville Gage	Smartville Gage	Marysville Gage	Smartville Gage	Marysville Gage
Sep15-Oct 14	700	250	550	250	500	250
Oct 15-Apr 20	700	500	700	500	600	400
Apr21-Apr 30	--	1,000	--	800	--	400
May1-May 31	--	1,500	--	1,000	--	500
Jun 1	--	1,050	--	800	--	400
Jun 2-Jun 30	--	800	--	800/500'	--	400
Jul 1	--	560	--	560	--	280
Jul 2	--	390	--	390	--	250
Jul 3	--	280	--	280	--	250
Jul 4-Sep 14	--	250	--	250	--	250
Period	Critical Years (cfs)		Conference Years		(See Note 3)	
	Smartville Gage	Marysville Gage				
Sep 15-Oct 1	400	150				
Oct 1-Oct 14	400	250				
Oct 15-Apr 20	600	350				
Apr 21	--	280				
Apr22-Apr30	--	270				
May 1-May 31	--	270				
Jun 1-July 2	--	(See Note 2)				
July 3-Sep 14	--	100				

Lower River Accord Flow Requirements at Marysville –

Marysville Gage (cfs)

Schedule	OCT		NOV	DEC	JAN	FEB	MAR	APR		MAY		JUN		JUL	AUG	SEP
	1-15	16-31	1-30	1-31	1-31	1-29	1-31	1-15	16-30	1-15	16-31	1-15	16-30	1-31	1-31	1-30
1	500	500	500	500	500	500	700	1000	1000	2000	2000	1500	1500	700	600	500
2	500	500	500	500	500	500	700	700	800	1000	1000	800	500	500	500	500
3	500	500	500	500	500	500	500	700	700	900	900	500	500	500	500	500
4	400	400	500	500	500	500	500	600	900	900	600	400	400	400	400	400
5	400	400	500	500	500	500	500	500	600	600	400	400	400	400	400	400
6	350	350	350	350	350	350	350	350	500	500	400	300	150	150	150	350

M.I.E

2022-23 Annual Additional Supplies Pool

DRAFT

05.16.22
Based on 0% Allocation

YEAR 2022-23	9	1841	250	175	2275
District	AEWSD Return	YCWA	GWD L2 Exch	Volta Well Exch	
SLDMWA	\$26.00	\$26.00	\$29.00	\$29.00	
BOR Rate	\$49.00	\$49.00			
Other	\$262.00				
To Seller	\$337.00	\$800.00	\$400.00	\$533.00	
Est Cost	<u>9</u>	<u>1,841</u>	<u>250</u>	<u>175</u>	2,275
	\$3,033.00	\$1,610,875.00	\$107,250.00	\$98,350.00	
					\$17,008.04
					SLWD Rev.:
					2,275
					\$1,836,516.04
					\$807.26

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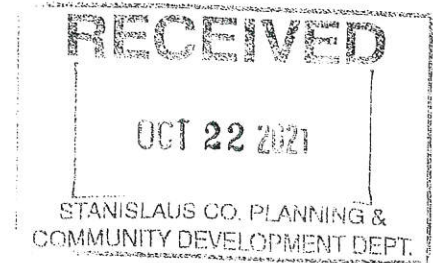
VII F.



P.O. Box 1596 Patterson, CA 95363-1596

Phone (209) 892-4470 • Fax (209) 892-4469

Stanislaus County Planning & Community Development
1010 10th Street, Suite 3400
Modesto, CA 95354



October 19, 2021

Subject: Use Permit and Development Agreement Application No. PLN2020-0010 – Stanco Family Farms

Dear Sir/Madam:

Thank you for the opportunity to provide comments on the project referenced above.

As a California Water District and federal water service contractor, the jurisdictional responsibilities and expertise of the District are in the area of surface water management and distribution for agricultural purposes. The District has also assumed certain responsibilities over local groundwater supplies through the adoption of an AB3030 "Groundwater Management Plan for the Northern Delta-Mendota Canal Subbasin" and more recently through its local Groundwater Sustainability Agency, DM-II. The District further assists its agricultural landowners and water users in complying with the requirements of the California Regional Water Quality Control Board's Irrigated Lands Regulatory Program (ILRP) for the Central Valley Region through its participation in the Westside San Joaquin River Watershed Coalition.

As the agency currently responsible for providing these services, the District offers the following specific comments on issues of interest to the District:

1. Delivery of supplies originating from the District's CVP Water Service Contract with the USBR or conveyed in and through Federal facilities is prohibited for the cultivation of cannabis, which is not recognized as legal by the USA. The District requests that the landowner be required to provide documentation (written and pictorial) that water supplies delivered to the proposed project and the remainder parcel (if farmed) are kept segregated at all times.
2. Because the irrigable acreage associated with the development area will need to be returned to agricultural use upon the expiration of the use permit, the Landowner must maintain eligibility for water service by continuing to support the District's current and future Administrative Assessments, which consist of an Annual Water Availability Charge (to support District Administrative Overhead), and the Contract Conversion Assessment (which supports repayment of the debt issued for the District's 2020 Contract Conversion). The lands will be

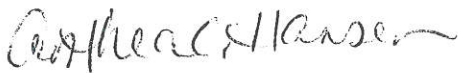
reclassified as “temporarily removed from service” by the District and no charges will be levied for water supplies until such time as the acreage returns to agricultural use.

3. Concurrent with its development, the project area will be removed from the Westside San Joaquin River Watershed Coalition. The District will require the landowners to provide it with a copy of its Waste Discharge Permit or Conditional Waiver upon issuance, and keep the District current with any future revisions thereof. If the project proponents obtain a County permit for a septic system, and if the proposed project presents a potential impact to shared surface creeks and underground bodies of water, we request that the County and the landowner be required to coordinate all wastewater discharge activities and reporting with the Coalition.
4. Due to the projects’ sole reliance on groundwater, appropriate potential SGMA-related requirements should be a condition of the projects approval, including well metering and reporting of use, water quality testing and reporting of results, and the requirement to abide by any future conditions placed upon well owners within the DM-II GSA and the multi-agency GSP being developed for this region.

We recognize and appreciate the responsibilities presented to the County when considering proposals that potentially generate new or possibly unforeseen impacts due to their lack of historical “experience”. The District stands ready to work with the County and other local agencies, and the project proponents to ensure a thorough vetting of the possible effects on the environment and the activities of concern within the District’s jurisdictional service area.

Please do not hesitate to contact me at any time should you wish to discuss the letter or if you need any further information.

Sincerely,



Anthea G. Hansen
General Manager

CC: John Brodie – SGMA Coordinator – San Luis & Delta-Mendota Water Authority
Joe McGahan – Westside San Joaquin River Watershed Coalition

Anthea Hansen

From: Anthea Hansen
Sent: Tuesday, May 17, 2022 8:32 AM
To: Jeremy Ballard
Subject: RE: Stanco Family Farms

Hello Jeremy,

The condition language looks good. I noted a couple of changes below (in red). Also, I believe the septic system language is appropriately handled by an agency other than the District, but I do not know who that might be.

Sincerely,
Anthea

Anthea G. Hansen
General Manager
Del Puerto Water District
PH 209-892-4470/FAX 209-892-4469

From: Jeremy Ballard <BALLARDJ@stancoounty.com>
Sent: Tuesday, May 3, 2022 5:44 PM
To: Anthea Hansen <ahansen@delpuertowd.org>
Subject: RE: Stanco Family Farms

Anthea,

Please see the drafted conditions of approval based on the District’s comment letter. Please let me know of any alterations. Thanks

Del Puerto Water District

- 35. Delivery of supplies originating from the District’s CVP Water Service Contract with USBR or conveyed in and through Federal facilities is prohibited for the cultivation of cannabis, which is not recognized as legal by the USA. The applicant shall supply the District with improvement plans, to the satisfaction of the District, to demonstrate water supply for the project is from the existing private well, prior to the issuance of any building permit. The applicant shall provide the District with visual proof of installation of the water infrastructure prior to the final issuance of the permit.
- 36. The applicant shall maintain eligibility of the project area for future agricultural water service by continuing payment of the District’s current and future Administrative Assessments.
- 37. The applicant shall provide the District and the Westside San Joaquin River Watershed Coalition (Coalition) with copies of an approved Waste Discharge Permit or Conditional Waiver issued from the Central Valley Regional Water Quality Control Board and keep the District and the Coalition current with any future revisions.

38. The applicant shall consult with ~~the District~~ prior to installation of any septic facilities serving the project.

39. The existing well shall meet any future requirements of the DM-II GSA as required by SGMA.

From: Anthea Hansen <ahansen@delpuertowd.org>
Sent: Monday, May 2, 2022 10:45 AM
To: Jeremy Ballard <BALLARDJ@stancounty.com>
Subject: RE: Stanco Family Farms

***** WARNING:** This message originated from outside of Stanislaus County. **DO NOT** click links or open attachments unless you recognize the sender and know the content is safe ***

Jeremy,

Thank you for checking in regarding this proposed project. Attached is some language you might use for your permit conditions.

Sincerely,
Anthea

Anthea G. Hansen
General Manager
Del Puerto Water District
PH 209-892-4470/FAX 209-892-4469

From: Jeremy Ballard <BALLARDJ@stancounty.com>
Sent: Friday, April 29, 2022 5:01 PM
To: Anthea Hansen <ahansen@delpuertowd.org>
Subject: Stanco Family Farms

Anthea,

Do you have some time to discuss this comment letter on Monday? Thanks.

Jeremy Ballard
Associate Planner
Stanislaus County Planning and Community Development Department
(209) 525-6330



VII G.

May 11, 2022

David Weisenberger, Manager
Banta-Carbona Irrigation District
3514 W. Lehman Road
Tracy, CA 95304

Anthea Hansen, Manager
Del Puerto Water District
PO Box 1596
Patterson, CA 95363

Vincent Lucchesi, Manager
Patterson Irrigation District
PO Box 685
Patterson, CA 95363

Bobby Pierce, Manager
West Stanislaus Irrigation District
PO Box 37
Westley, CA 95387

RE: LETTER AGREEMENT - 2022 Delta-Mendota Canal Emergency Pump Back Project

Dear District Managers:

Given the extreme drought and unpredictability of operations of the Central Valley Project and the State Water Project, the quantity and timing of pumping at the Jones Pumping Plant this summer is uncertain and you have requested the San Luis & Delta-Mendota Water Authority (Authority) to immediately install temporary pumping plants (Project) at milepost (MP) 54.41 (Check Structure No 10); MP 38.68 (Check Structure No. 7) and MP 24.43 (Check Structure No. 4), in order to back-flow through the Delta-Mendota Canal. The Authority is willing to act upon your request in accordance with the terms and conditions set forth in this letter.

Therefore, under this Letter Agreement, the Banta-Carbona Irrigation District, Del Puerto Water District, Patterson Irrigation District and West Stanislaus Irrigation District (the Districts) and the Authority (the Parties) hereby agree to the following terms and conditions:

1. The Authority shall be responsible for all activities described in Section 2 of Exhibit A (Scope of Work), which generally consists of installing a total of three temporary pumping stations within the DMC. Figure 1 and Figure 2 to Exhibit A set forth the basic design specifications and depictions of the Work. Exhibit A, including Figures 1 and 2, is attached hereto and incorporated herein by this reference.

BYRON, CA

94514

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2. The Authority also shall prepare documentation pursuant to the California Environmental Quality Act (CEQA), coordinate with Reclamation on the preparation of documentation pursuant to National Environmental Protection Act (NEPA) and obtain all required permits, licenses and consents required for the construction, operation and maintenance of the Project. This includes but is not limited to any license or consents required by the United States Bureau of Reclamation (Reclamation). Reclamation will recover its cost for preparation of the NEPA document through separate letter agreements under the CVP water service contracts of the Districts.

3. The Authority will perform the work on a time and materials basis with an initial estimated cost as set out in the Scope of Work, Section 3. The estimated costs shall be adjusted to actual when the construction and installation are completed and available for O&M following the period of use of the temporary DMC pumps. Payments made under this Letter Agreement shall be adjusted by credits or additional billing as appropriate.

4. The Districts shall each be entitled to utilize the capacity of the temporary pumping plants based upon their respective reserved shares of total pumping capacity set forth on Exhibit B to this Letter Agreement; provided, that if at any time the total demand of the Parties exceeds the actual capacity at one or more pumping stations, the Authority agrees to contact the Parties and the Parties agree to coordinate to reduce their demands so that the total pumping capacity is not exceeded at any pumping station.

5. The Districts shall schedule deliveries at least 24 hours in advance in the same manner as such agencies would schedule deliveries from the DMC of water pumped at the Jones Pumping Plant. The Authority shall determine the amount of pumping necessary at the temporary DMC pumping facilities based upon available DMC pumping in order to meet scheduled deliveries.

6. The Districts agree that the cost of construction shall include overtime paid for purposes of construction as a capital cost. The Districts agree to reimburse the Authority's actual costs for construction and installation of the temporary DMC pumping facilities by a lump sum payment upon completion of construction and billing by the Authority based upon the following capital allocation percentages:

Banta-Carbona Irrigation District	49.15%
Del Puerto Water District	16.44%
Patterson Irrigation District	8.47%
West Stanislaus Irrigation District	<u>25.94%</u>
	100.00%

7. The Authority shall recover its costs for operating, maintaining, and removing the temporary DMC Pumping facilities as follows: The Estimated Monthly O&M cost for the temporary DMC pumping facilities and the Fixed O&M cost are described in Exhibit B, Table 2. The Authority shall invoice the Districts monthly for the Fixed O&M cost, based upon such agency's reserved capacity, as described on Exhibit B, Table 1. Fuel Costs will be invoiced separately based on the deliveries to each agency in the month following such deliveries through the Temporary DMC pumping facilities. Exhibit B is attached hereto and incorporated herein by this reference.

8. Payments to the Authority pursuant to Paragraph 6 of this Letter of Agreement are separate from and in addition to the Authority's water rates for the Upper DMC cost pool. The Districts remain responsible for Upper DMC cost pool rates, subject to crediting for Jones Pumping Plant power cost for water delivered through the temporary DMC pumping facilities.

9. Payments to the Authority: All payments to the Authority under this Letter Agreement are due and payable 30 days following receipt. Any payment which remains unpaid for sixty (60) days after its billing date shall bear interest from such sixtieth day at the interest rate of the Local Agency Investment Fund then in effect computed on a monthly basis plus two percent until paid.

10. The Authority will seek available State and Federal Drought Funding to fund the capital and operating cost of the temporary DMC Pumping facility. In the event funding is secured, the District shall be reimbursed for payments made to the Authority to the extent costs are paid from any such State and Federal funding.

11. Other Terms:

11.1 This Letter Agreement shall become effective upon execution by all of the Parties, and will remain in effect until all work, including operation and maintenance and removal, has been performed and the Districts have paid the Authority or State or Federal funding has been secured.

11.2 In performing the work, the Authority shall comply with all applicable laws and obligations, including but not limited to the Authority's obligations to Reclamation under its Transfer Agreement, as amended.

11.3 This Letter Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. The Parties authorize each other to detach and combine original signature pages and consolidate them into a single identical original. Any one of such completely executed counterparts shall be sufficient proof of this Agreement.

11.4 To the extent reasonably required, each Party to this Agreement shall, in good faith, assist the other in obtaining all such necessary approvals and preparation of required environmental documents or permits. The Parties agree to cooperate and assist each other in good faith in meeting such requirements of regulatory agencies as may be applicable to performance of any terms of the Agreement.

If you are in agreement with the terms and conditions as set forth herein, please have the appropriate authorized representative for your agency sign and date, and return one original of this Letter Agreement and return to the undersigned.

Pablo Arroyave

Pablo R. Arroyave
Chief Operating Officer

Enclosure

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Banta-Carbona Irrigation District

By: _____
Authorized Representative

Date: _____

Del Puerto Water District

By: _____
Authorized Representative

Date: _____

Patterson Irrigation District

By: _____
Authorized Representative

Date: _____

West Stanislaus Irrigation District

By: _____
Authorized Representative

Date: _____

EXHIBIT A

SCOPE OF WORK

Section 1 - Introduction: In order to address the potential impacts of the extreme drought and unpredictability of the pumping at the C.W. "Bill" Jones Pumping Plant this summer, the Upper Delta-Mendota Canal Member Agencies (UDMCC) requested the San Luis & Delta-Mendota Water Authority (Authority) to install temporary pumping plants at Delta-Mendota Canal (DMC) milepost (MP) 54.41 (Check Structure No. 10); MP 38.68 (Check Structure No. 7) and MP 24.43 (Check Structure No. 4) in order to reverse flow CVP and non-CVP water currently stored in the San Luis Reservoir to CVP contractors located north of O'Neill Forebay. The following UDMCC agencies are participating in this project this summer: Banta-Carbona Irrigation District, Del Puerto Water District, Patterson Irrigation District, and West Stanislaus Irrigation District.

The temporary pumping plants will be designed and constructed similar to the temporary plants that were installed for the 2015 DMC Pump Back Project. Figure Nos. 1 and 2 provide general information on the pump installation and site layout configurations. At Check Structure No.10, the installation will include a combination of vertical pumps on the checks (within canal prism) and portable pumps on the canal embankment to meet the District demands upstream of the pumping plants. The installations at Check Nos. 7 & 4 will only require vertical pumps to be installed on the checks (within canal prism). The temporary pumping plants will be designed and installed with the following capacities:

- Approximately 310 cfs at Check Structure No. 10
 - 280 cfs from four vertical pumps
 - 30 cfs from two portable pumps
- Approximately 240 cfs at Check Structure No. 7
- Approximately 135 cfs at Check Structure No. 4

Section 2 - Description of the Work: The reverse flow project consists of designing and installing three (3) separate temporary emergency pumping plants on/around DMC Check Structure No. 10 at MP 54.41, Check Structure No. 7 at MP 38.68 and Check Structure No. 4 at MP 24.43. The pump configuration and capacity of each pumping plant is designed to convey the District demand upstream of the check structure. Each pumping plant includes a series of vertical pumps with motors ranging from 100 HP to 350 HP with capacities ranging from 38 cfs to 70 cfs. In addition to the vertical pumps, Check 10 will also include a series of skid mounted pumps of approximately 20 cfs each installed on the adjacent canal bank. The vertical pumps are mounted within the downstream bays on the check structure and will pump the water over the closed radial gates and discharge into the upstream canal pool through a 30-inch diameter discharge pipe. The skid mounted pumps are mounted on the canal embankment with a suction intake installed on the downstream side of the check and the pump discharge line is installed on the ground from the pump to a discharge point upstream of the check structure.

The flow rate discharged from each pump plant will meet the demand of the upper DMC pools. The District demand upstream of Check Structure No. 10, DMC MP 54.41, is approximately 310 cfs. This plant will have four vertical pumps with a total capacity of 280 cfs, and an additional 20 cfs skid mounted pump that will be installed on the canal embankment. The second pumping plant which is located at Check Structure No. 7, MP 38.68, has an upstream demand of 240 cfs. Four vertical pumps will be installed at this location that will meet the required pumping capacity. The third pumping plant located at Check Structure No. 4, MP 24.43 will have a pumping capacity of 135 cfs. Two vertical pumps will be installed at this site. Each pumping plant would be set up similarly, except for its pumping capacity. A structural steel framework would be anchored to the check structure pier walls and the pumping units would be set into position on the frame. The pumping plant for Check Structure No. 10 is shown in Figure 1. Each site will have electrical control panels, a properly sized engine generator and a fuel tank with a spill containment system. See Figure 2 for site layout at each check structure. NOTE: Since

these check structures are located in remote locations, security fencing will be installed at each site and a security guard will be on the site at all times to protect the facilities from vandalism/theft. No ground disturbance would be required for installation or operation of the pump plants and associated infrastructure. The approximate footprint for these pumping plants would be 30 feet by 150 feet at each site. A crane would be required to set the steel framework, pumps, motors and discharge pipes in place.

The pump plants would be operated, as needed, from July through September of 2022 to reverse flow up to 45,500 acre-feet of CVP and non-CVP water currently stored in San Luis Reservoir to Banta-Carbona Irrigation District, Del Puerto Water District, Patterson Irrigation District, and West Stanislaus Irrigation District. The water would be released from San Luis Reservoir into O'Neill Forebay and then into the Delta-Mendota Canal near Check No. 13. This water would then be pumped into the upper portion of the Delta-Mendota Canal from Check No. 10 to Check No. 4 via the temporary pumping plants for delivery to the UDMCC agencies listed above. During operation, gates would be closed at the three check structures in order to create pools that would allow water to be pumped between the pumping plants for delivery to the contractors.

When plants are operating, Authority staff shall conduct daily visits to the pumping plants for visual inspection and to perform any required maintenance. The Authority would contract for fuel delivery from a local company and fuel would be delivered on a daily basis during operation. The Authority may also contract for night security to safeguard the site from vandals.

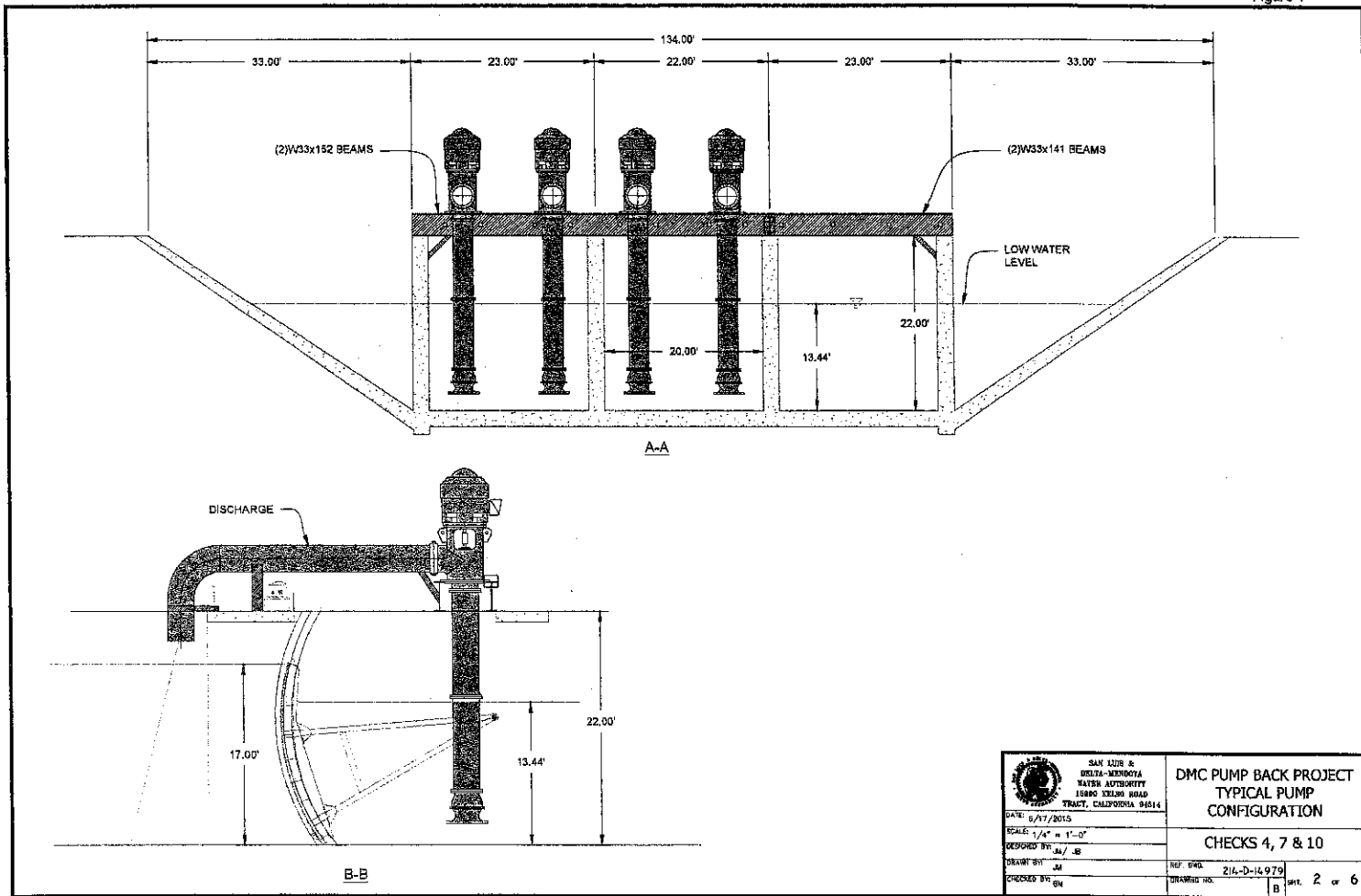
Section 3 -Estimated Budget: The estimated construction and monthly operating cost for the temporary pump plants are provided below:

Emergency Pump-Back Pumping Plants- Estimated Cost

Planning & Construction		Cost (\$)
Pre-Project Planning		\$ 264,280.32
Environmental Approval Process		\$ 16,428.20
Check 4 Installation (1 month)		\$ 108,788.72
Check 7 Installation (1 month)		\$ 140,690.20
Check 10 Installation (1 month)		\$ 151,307.96
Check 4 Demobilization		\$ 36,858.72
Check 7 Demobilization		\$ 38,358.72
Check 10 Demobilization		\$ 38,858.72
Project Closeout		\$ 11,096.70
	Total:	\$ 806,668.26
Operations		Cost/month (\$)
Generators Rental		\$78,000
Site Security Services		\$25,500
Toilet & Fence Rental		\$1,050
Fuel Tank Rental		\$1,800
Fuel (Generators & Diesel Pumps)		\$575,960
	Subtotal	\$682,310
	Total:	\$1,488,978

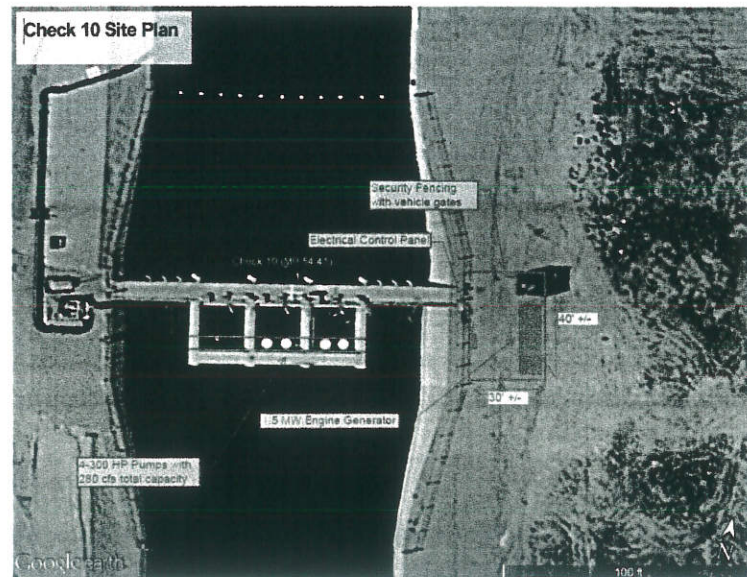
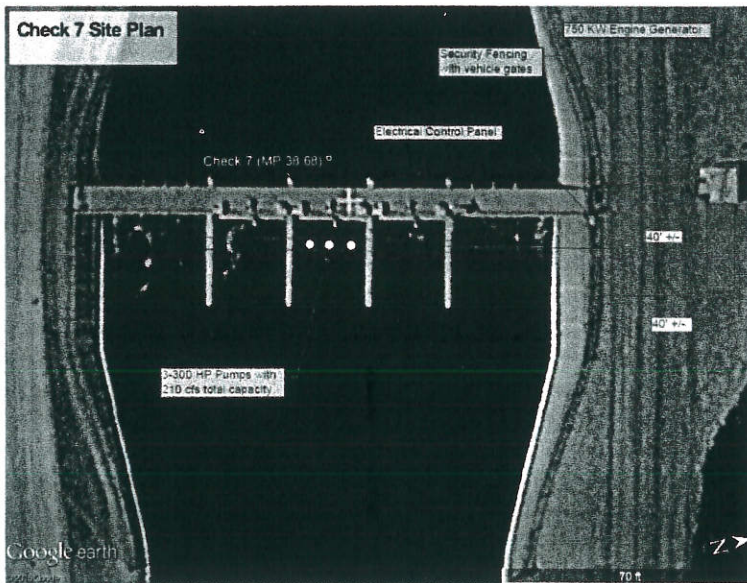
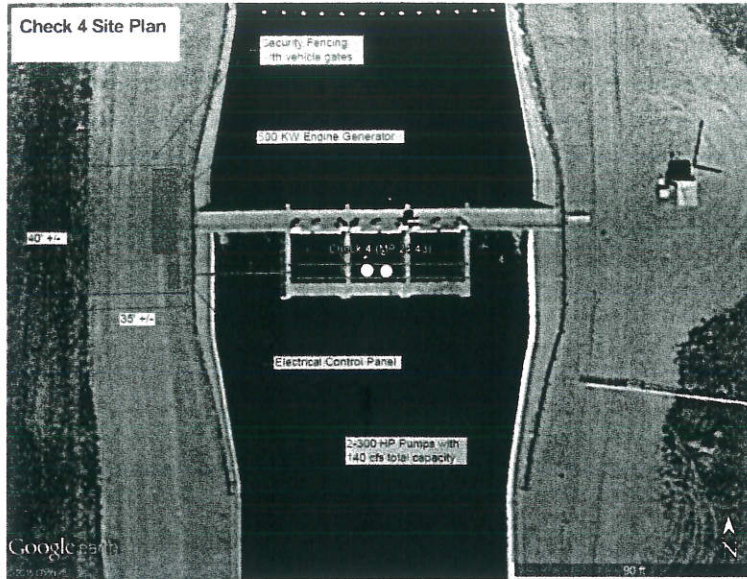
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Figure 1



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Figure 2



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EXHIBIT B - Cost Allocation and O&M Cost

TABLE 1 - Allocation of Reserved Demand & Capital Allocation

Site	Capacity, CFS	District Demand, CFS				Sum of Districts	Daily AF	Monthly AF
		WSID	PID	BCID	DPWD			
Check 10	310	95.0	65.0	120.0	88.2	368.2	730.3	22,640
Check 7	240	95.0		120.0	25.4	240.4	476.8	14,782
Check 4	135			120.0	6.8	126.8	251.5	7,797
Totals:	685	190.0	65.0	360.0	120.4	735.4		
		25.84%	8.84%	48.95%	16.37%			

TABLE 2 - O&M Cost Allocation= Actual District Demand/Total Demand

Emergency Pump-Back Pumping Plants- Estimated Cost

	Cost (\$)	Notes:
Planning & Construction		
Pre-Project Planning	\$ 264,280.32	
Environmental Approval Process	\$ 16,428.20	
Check 4 Installation (1 month)	\$ 108,788.72	
Check 7 Installation (1 month)	\$ 140,690.20	
Check 10 Installation (1 month)	\$ 151,307.96	
Check 4 Demobilization	\$ 36,858.72	
Check 7 Demobilization	\$ 38,358.72	
Check 10 Demobilization	\$ 38,858.72	
Project Closeout	\$ 11,096.70	
Total:	\$ 806,668.26	

See Letter Agreement Terms & Conditions No. 6

Fixed O&M cost (\$)
\$78,000
\$25,500
\$1,050
\$1,800
\$106,350

Fuel Cost will be invoiced separately if plants are operated

Monthly AF/Mo Cost	\$4.70
--------------------	--------

TABLE 3 - Monthly Fixed O&M Cost Rate = \$ 4.70. Each agency will pay based on their monthly reserved capacity (AF).

Site	Capacity, CFS	WSID	PID	BCID	DPWD
Check 10	310	5841	3997	7379	5423
Monthly Payment for Fixed O&M Cost		\$27,440	\$18,774	\$34,661	\$25,475
					22640
					\$106,350

Fuel Cost will be invoiced separately if plants are operated

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