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PASSCODE: 3802020

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Call to Order

Board of Directors Workshop – Resources/Engineering
Tuesday, March 14, 2023

Chairperson – Director Hayes
Vice-Chair – Director Harrison

Introductions

Following the introduction of Directors and District staff, participants may use this time to state their name and agency/affiliation in order to be included in the formal record of attendees.

Public Comment

Members of the public may address the Board regarding any item within the subject matter jurisdiction of the Board; however, no action may be taken on off-agenda items except as authorized by law. Each speaker is limited to a maximum of three (3) minutes.

Discussion Item 3.1 (pg. 2)

Bob Tincher, PE, MS – Chief of State Water Initiatives/Deputy General Manager

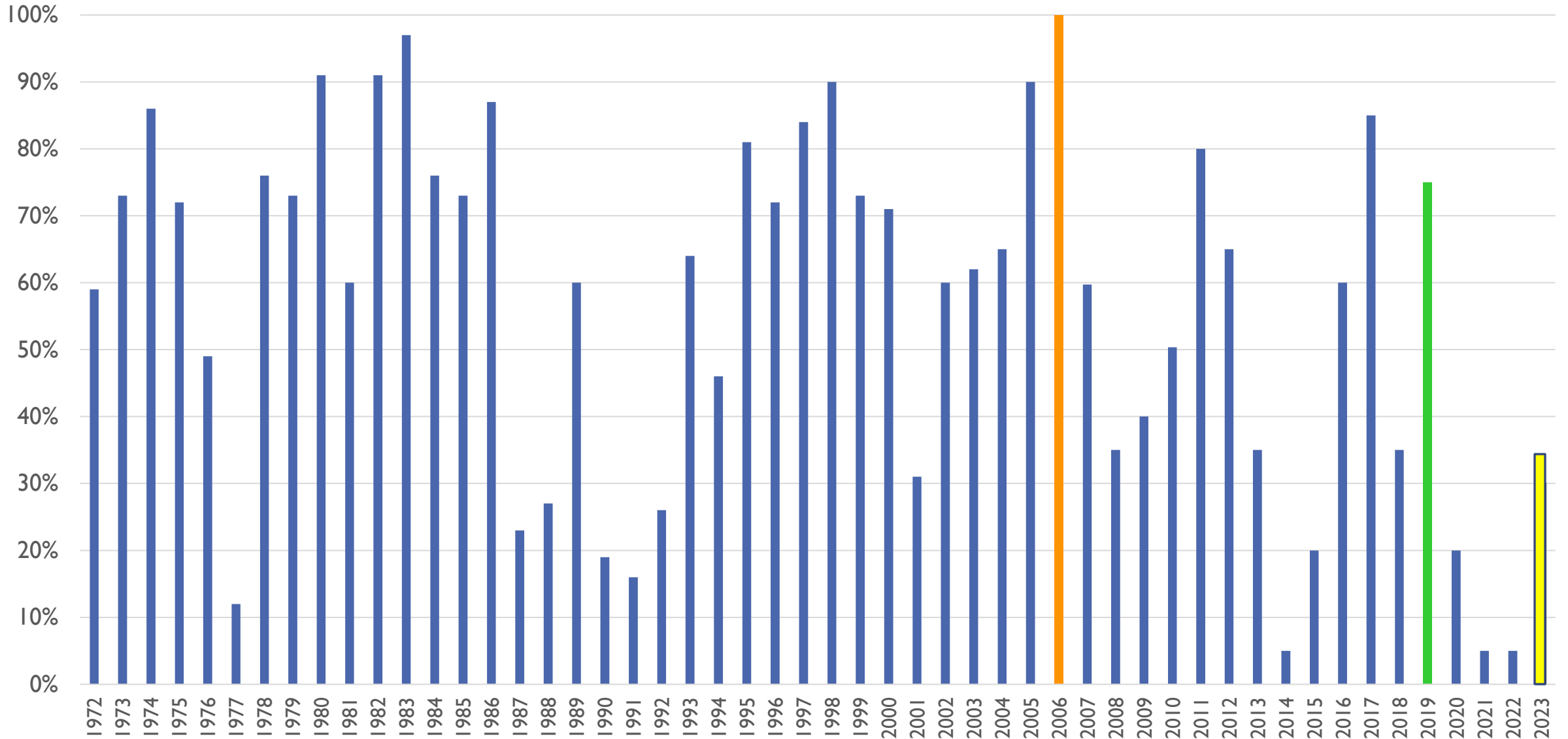
Consider Unbalanced Exchange Agreement with Crestline Lake Arrowhead Water Agency that Would Provide an Additional 1,500 Acre-Feet of Water to Valley District

Staff Recommendation

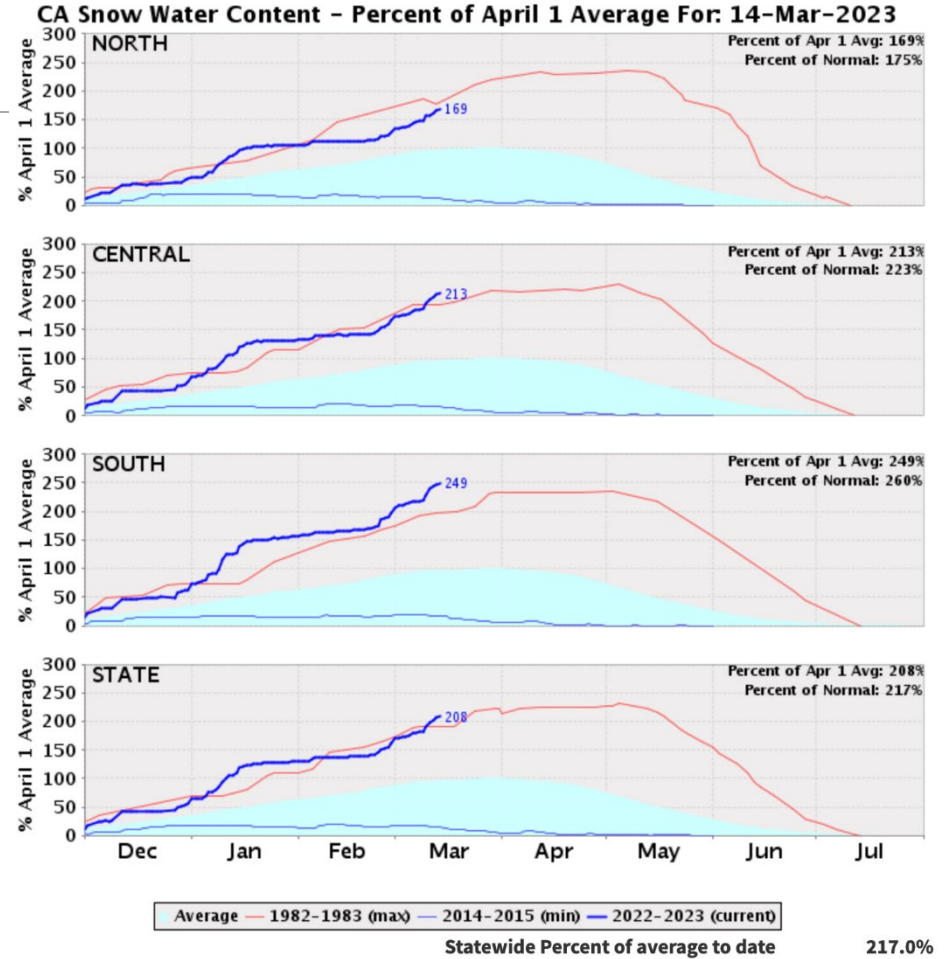
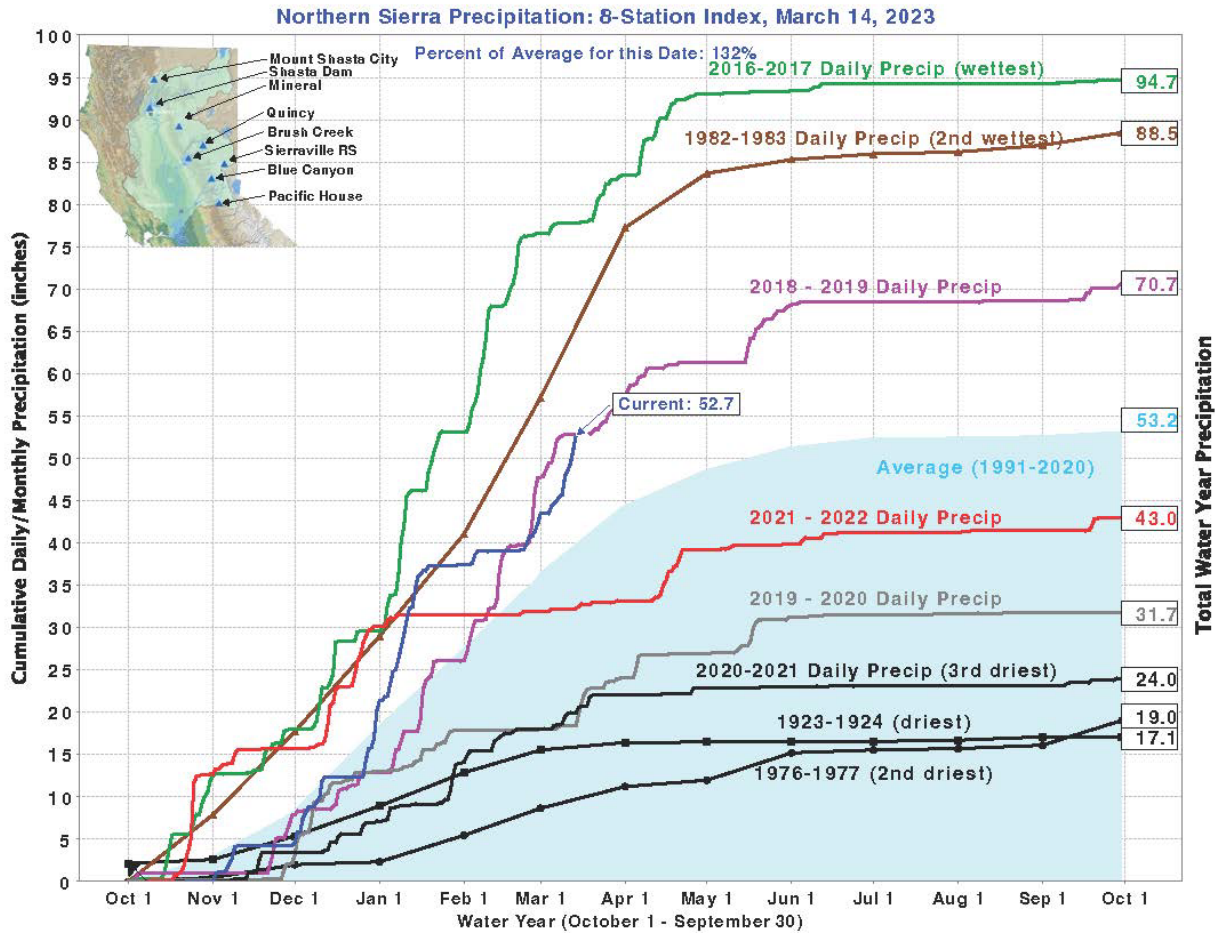
Staff is asking the Board of Directors to consider authorizing the CEO/General Manager to file a Notice of Exemption and execute the attached Exchange Agreement with the Crestline Lake Arrowhead Water Agency (CLAWA), subject to any non-substantive changes approved by the CEO/General Manager and District Counsel.

Background

Historic SWP Allocation Percentage



SWP Rain and Snow Update

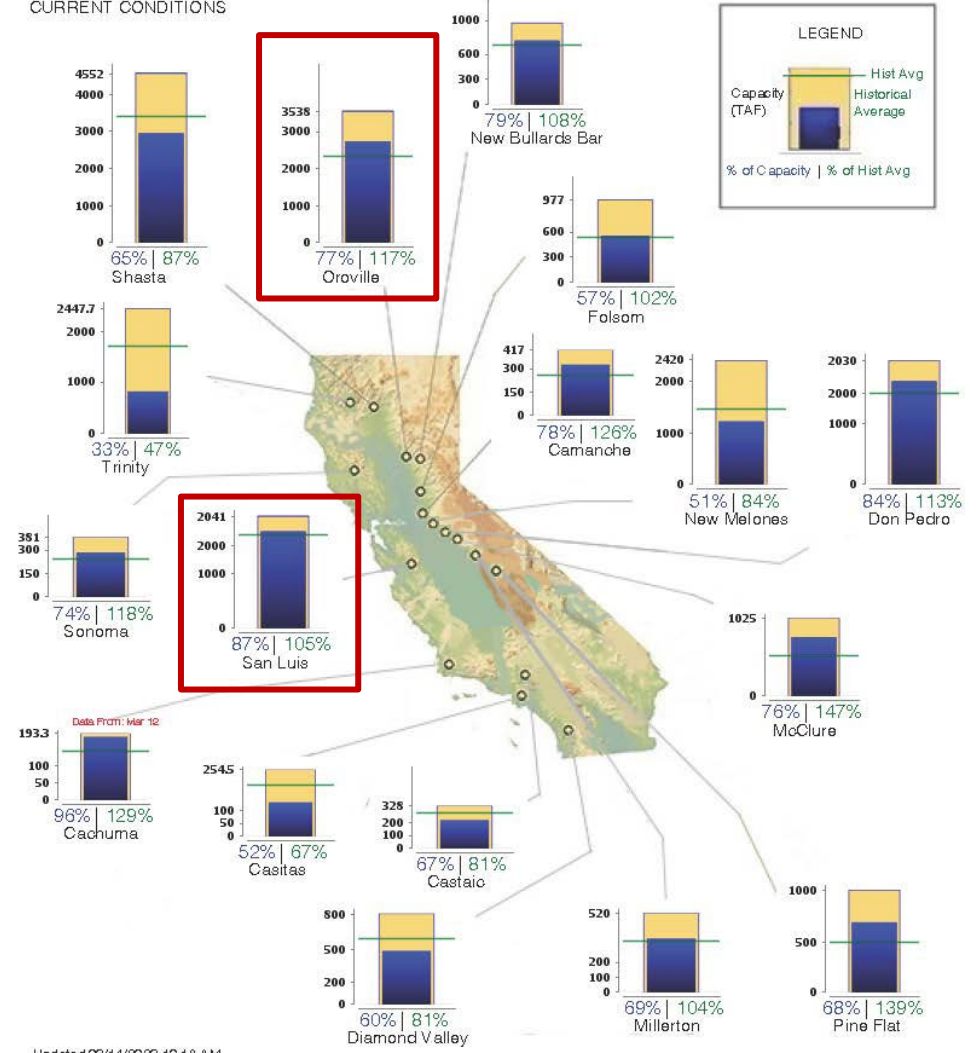





CURRENT RESERVOIR CONDITIONS

CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS CURRENT CONDITIONS

Midnight - March 13, 2023



Updated 03/14/2023 10:18 AM

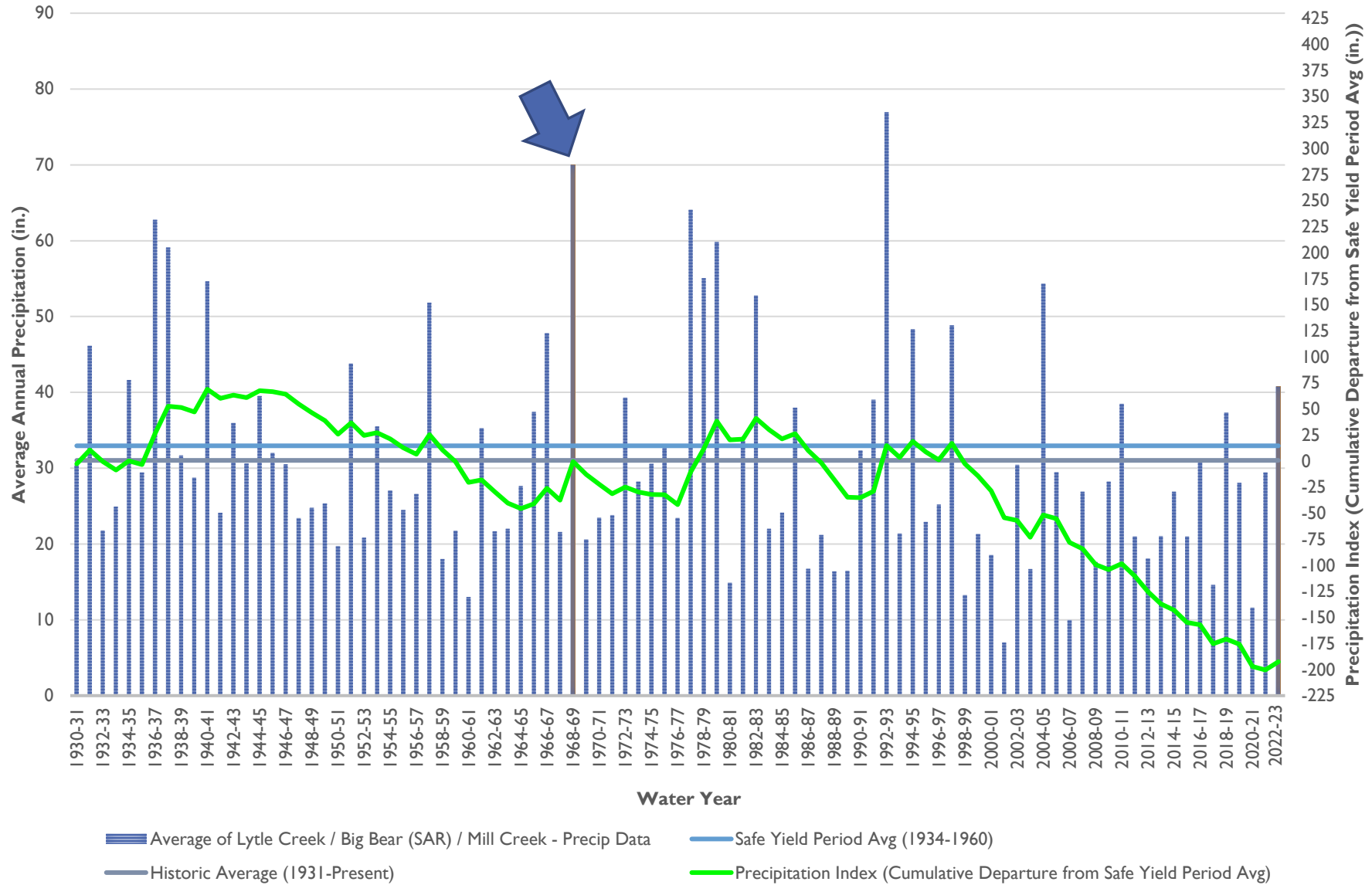
“Article 21 Water”

(Surplus Water)

21. Interruptible Water Service

“...Deliveries of interruptible water in excess of a contractor’s annual entitlement may be made if the deliveries do not adversely affect the State’s delivery of annual entitlement to other contractors or adversely affect project operations.”

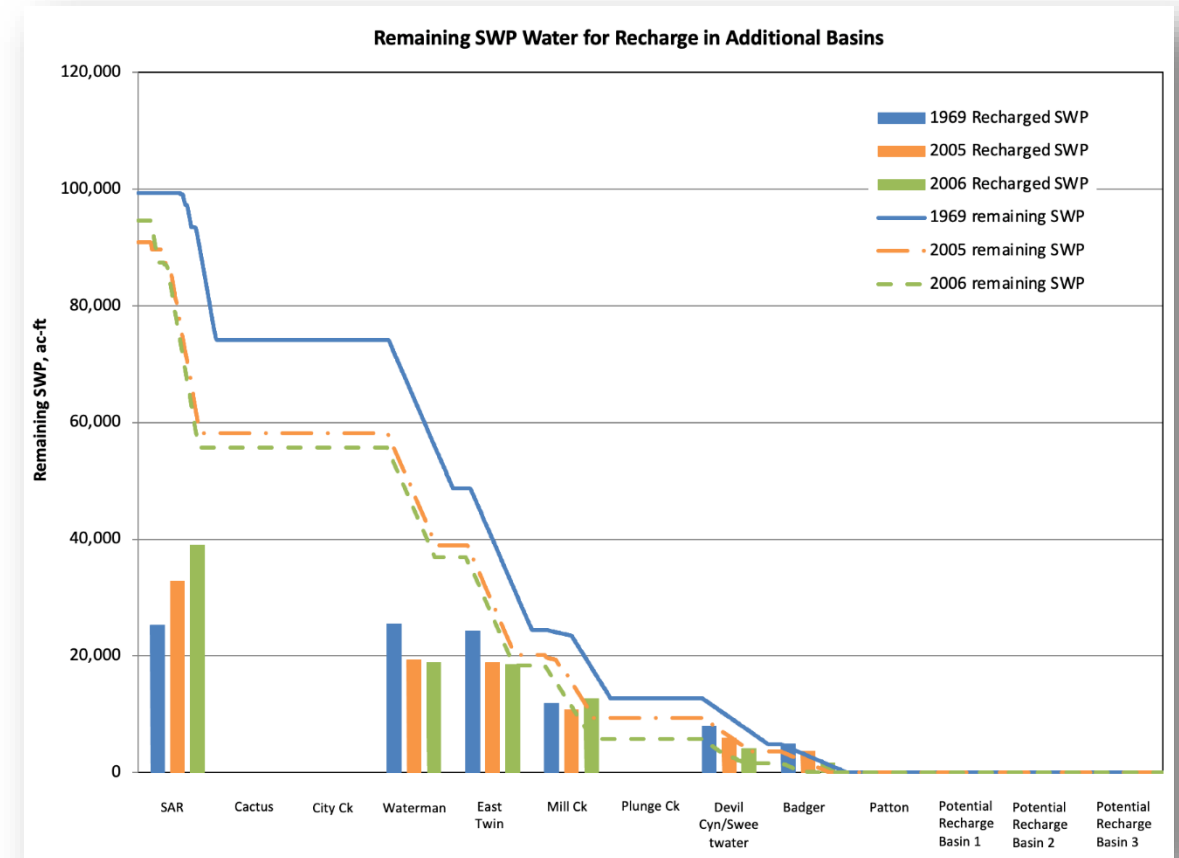
SAN BERNARDINO BASIN PRECIPITATION INDEX



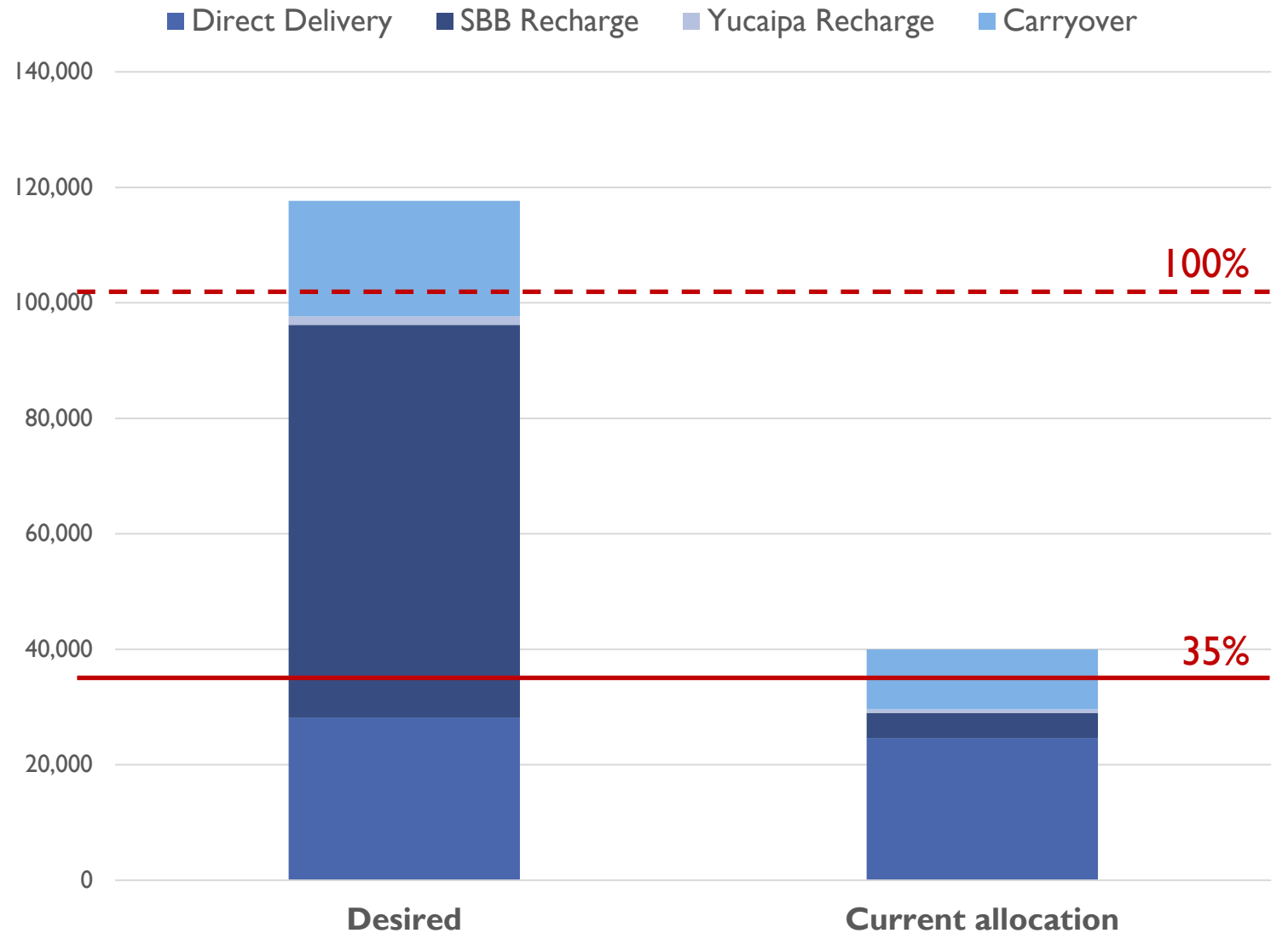
We Have Planned for This – “Best Case” Model

| Table 5a - Summary | | | | |
|--------------------|----------------------------|--------------------|--------|--------|
| Basin Number | Basin Name | Added SWP Recharge | | |
| | | 1969 | 2005 | 2006 |
| acre-ft | | | | |
| 1 | SAR | 25,256 | 32,798 | 38,942 |
| 2 | Cactus | 0 | 0 | 0 |
| 3 | City Ck | 0 | 0 | 0 |
| 4 | Waterman | 25,399 | 19,221 | 18,836 |
| 5 | East Twin | 24,217 | 18,818 | 18,516 |
| 6 | Mill Ck | 11,778 | 10,735 | 12,661 |
| 7 | Plunge Ck | 0 | 0 | 0 |
| 8 | Devil Cyn/Sweetwater | 7,864 | 5,827 | 4,075 |
| 9 | Badger | 4,840 | 3,570 | 1,625 |
| 10 | Patton | 0 | 0 | 0 |
| 11 | Potential Recharge Basin 1 | 0 | 0 | 0 |
| 12 | Potential Recharge Basin 2 | 0 | 0 | 0 |
| 13 | Potential Recharge Basin 3 | 0 | 0 | 0 |

| Table 5b - Summary | | | | |
|--------------------|--|--------------|---------|--------|
| Type | Description | Total Amount | | |
| | | 1969 | 2005 | 2006 |
| acre-ft | | | | |
| Recharge Basin | Total SWP Recharge | 99,353 | 90,970 | 94,654 |
| | Total Available SWP water for Recharge | 102,268 | 90,970 | 94,654 |
| | Unused SWP water | 2,915 | 0 | 0 |
| | Total Local Water Recharge | 225,434 | 121,912 | 29,325 |
| | Total Outflow | 345,454 | 153,330 | 7,390 |
| Treatment Plant | Total SWP water used for Treatment Plant | 332 | 1,370 | 7,946 |
| | Treatment Plant Demand After SWP water and Local Water | 0 | 0 | 0 |



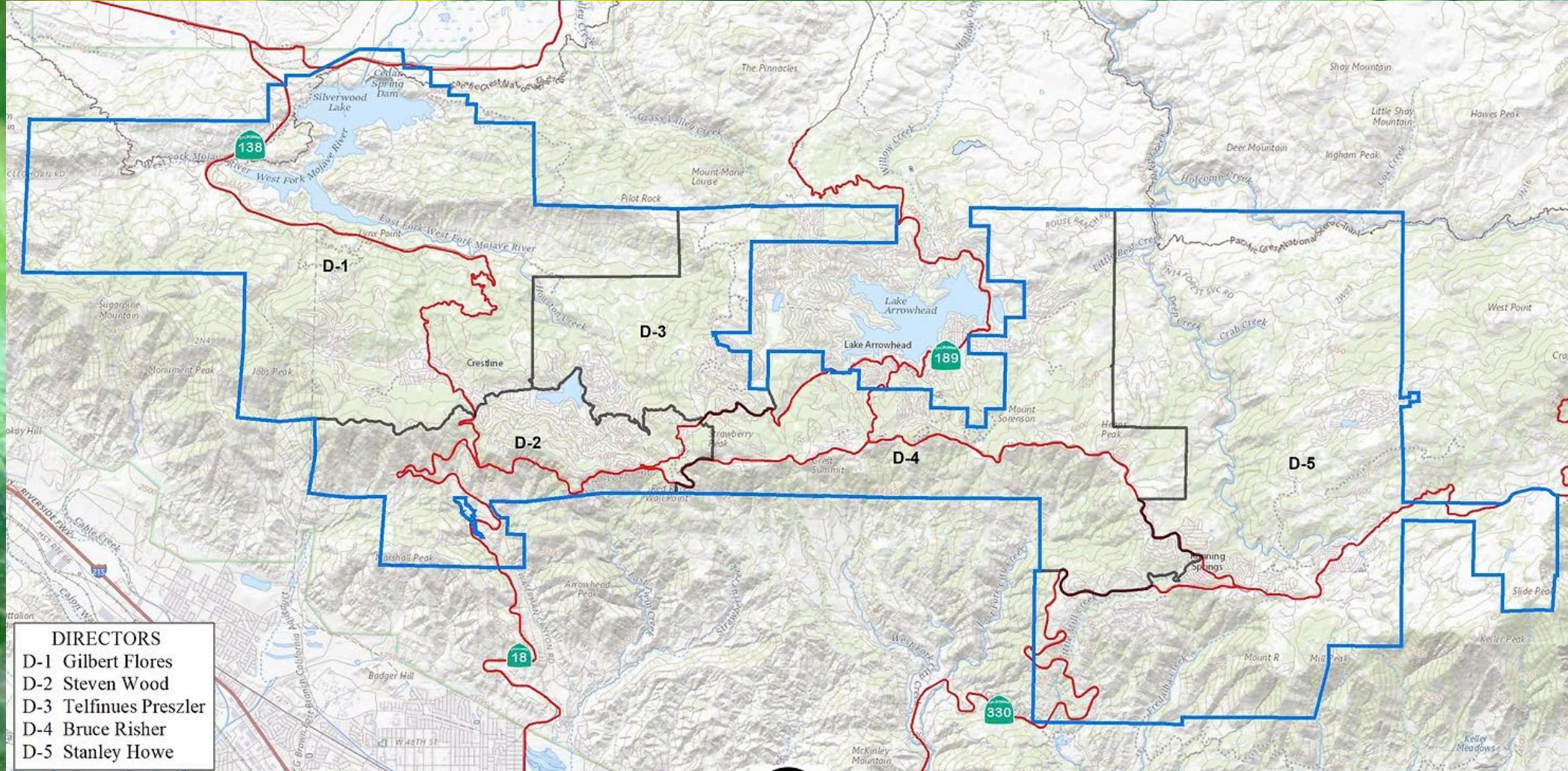
Orders for Higher Allocation and Surplus Water



Facilities

| Basin | Turnout Capacity | Rainy Season | Dry Season |
|--------------------|------------------|--------------|------------|
| SAR | 108 | | X |
| SAR Bed | | | X |
| City Creek Bed | 25 | | X |
| Badger | 5 | | X |
| Sweetwater | 10 | | X |
| Waterman/East Twin | 60 - 84 | | X |
| Mill Creek | 30 | X | X |
| Mill Creek Bed | | | X |
| Redlands Airport | 5 | X | X |
| Wilson | 32 | X | X |
| Oak Glen | 10 | | X |

Proposed Exchange



Crestline Lake Arrowhead Water Agency (CLAWA)

- 2 square miles
- 1,800 vertical lift
- Delivery point: Lake Silverwood
- 5,800 acre-feet
- \$1,150 per acre-foot
- 25 retail water agencies
- 1,200 retail customers



History of Working Together

- 2005 – Valley District sells 8,000 AF to Lake Arrowhead Community Services District via CLAWA (5,400 AF remaining by 2035)
- 2008 – Demonstration Project Water Exchange Agreement. CLAWA provides 1,000 AF and Valley District Returns 1,000 AF (COMPLETE)
- 2009 - CLAWA provides Valley District with 1,000 AF and Valley District Returns 650 AF (COMPLETE)



Proposed Exchange

CLAWA PROVIDES

Carryover in San Luis Reservoir: 2,173 AF

2023 SWP Allocation: 827 AF

TOTAL: 3,000 AF

Calendar Year 2023

Each agency pays variable charges for water received

Subject to water availability

CEQA: Notice of Exemption

VALLEY DISTRICT PROVIDES

Up to 1,500 AF (Net 1,500 AF, or more)

January 2024 to the end of 2033

Meet and confer when SWP Allocation less than 30%

Each agency pays variable charges for water received

Subject to water availability

CEQA: Notice of Exemption

Director Comments and Discussion



Paul Kielhold
President



June Hayes
Vice President



**T. Milford
Harrison**
Treasurer



Gil J. Botello
Director



Susan Longville
Director

Staff Recommendation

Staff is asking the Board of Directors to consider authorizing the CEO/General Manager to file a Notice of Exemption and execute the attached Exchange Agreement with the Crestline Lake Arrowhead Water Agency (CLAWA), subject to any non-substantive changes approved by the CEO/General Manager and District Counsel.



Future Business



Adjournment
