



SAWPA

SANTA ANA WATERSHED PROJECT AUTHORITY

11615 Sterling Avenue, Riverside, California 92503 • (951) 354-4220

This meeting will be conducted in person at the address listed below. As a convenience to the public, members of the public may also participate virtually using one of the options set forth below. Any member of the public may listen to the meeting or make comments to the Committee using the call-in number or Zoom link below. However, in the event there is a disruption of service which prevents the Authority from broadcasting the meeting to members of the public, the meeting will not be postponed or rescheduled but will continue without remote participation. The remote participation option is provided as a convenience to the public and is not required. Members of the public are welcome to attend the meeting in-person.

Meeting Access Via Computer (Zoom):	Meeting Access Via Telephone:
<ul style="list-style-type: none">https://sawpa.zoom.us/j/85419934366	<ul style="list-style-type: none">1 (669) 900-6833
<ul style="list-style-type: none">Meeting ID: 854 1993 4366	<ul style="list-style-type: none">Meeting ID: 854 1993 4366

REGULAR MEETING OF THE PROJECT AGREEMENT 23 COMMITTEE

Santa Ana River Conservation and Conjunctive Use Program (SARCCUP)

TUESDAY, JUNE 3, 2025 – 8:30 A.M.

at

**Eastern Municipal Water District
Board Room
2270 Trumble Road
Perris, CA 92570**

and

18700 Ward Street
Fountain Valley, CA 92708

and

2265 Denair Avenue
Highland, CA 92346

AGENDA

- 1. CALL TO ORDER | PLEDGE OF ALLEGIANCE** (Mike Gardner, Chair)
- 2. ROLL CALL**
- 3. PUBLIC COMMENTS**

Members of the public may address the Committee on items within the jurisdiction of the Committee; however, no action may be taken on an item not appearing on the agenda unless the action is otherwise authorized by Government Code §54954.2(b).

Members of the public may make comments in-person or electronically for the Committee's consideration by sending them to publiccomment@sawpa.gov with the subject line "Public Comment". Submit your electronic comments by 5:00 p.m. on Monday, June 2, 2025. All public comments will be provided to the Chair and may be read into the record or compiled as part of the record. Individuals have a limit of three (3) minutes to make comments and will have the opportunity when called upon by the Committee.

4. ITEMS TO BE ADDED OR DELETED

Pursuant to Government Code §54954.2(b), items may be added on which there is a need to take immediate action and the need for action came to the attention of the Santa Ana Watershed Project Authority subsequent to the posting of the agenda.

5. CONSENT CALENDAR

All matters listed on the Consent Calendar are considered routine and non-controversial and will be acted upon by the Committee by one motion as listed below.

- A. **APPROVAL OF MEETING MINUTES: APRIL 1, 2025**5
Recommendation: Approve as posted.
- B. **SARCCUP UPDATE**11
Recommendation: Approve as posted.

6. COMMITTEE DISCUSSION/ACTION ITEMS

- A. **ADOPTION OF AMENDMENT NO. 6 TO SARCCUP COMPONENT**.....51
Presenter: Ian Achimore
Recommendation: To approve the Proposition 84 2015 Integrated Regional Water Management Grant Amendment No. 6 to allow for an extension for construction from July 31, 2025 to March 31, 2026 so various components of SARCCUP can be completed.
- B. **FYE 2026 TASK ORDER FOR SARCCUP PROJECT MANAGEMENT SERVICES**67
Presenter: Ian Achimore
Recommendation: To authorize the approval of Task Order RMC504-401-12 in the amount not-to-exceed \$122,525 for FYE 2026 with Woodard & Curran for Project Management Services to support SARCCUP.

7. INFORMATIONAL REPORTS

Recommendation: Receive for information.

- A. **GENERAL MANAGER REPORT**
Presenter: Jeff Mosher
- B. **COMMITTEE MEMBERS COMMENTS**
- C. **CHAIR'S COMMENTS/REPORT**

8. COMMITTEE MEMBER REQUESTS FOR FUTURE AGENDA ITEMS

9. CLOSED SESSION

There were no Closed Session items anticipated at the time of the posting of this agenda.

10. ADJOURNMENT

PLEASE NOTE:

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Clerk of the Board at (951) 354-4220. Notification at least 48 hours prior to the meeting will enable staff to make reasonable arrangements to ensure accessibility to this meeting.

Materials related to an item on this agenda submitted to the Committee after distribution of the agenda packet are available for public inspection during normal business hours at the SAWPA office, 11615 Sterling Avenue, Riverside, and available at www.sawpa.org, subject to staff's ability to post documents prior to the meeting.

Declaration of Posting

I, Sara Villa, Clerk of the Board of the Santa Ana Watershed Project Authority declare that on May 29, 2025, a copy of this agenda has been uploaded to the SAWPA website at www.sawpa.gov and posted at the following locations: SAWPA's office at 11615 Sterling Avenue, Riverside, CA 92503 | EMWD's Office at 2270 Trumble Road, Perris, CA 92570 | 18700 Ward Street, Fountain Valley, CA 92708 | 2265 Denair Avenue, Highland, CA 92346.

Project Agreement 23 Committee Regular Meetings

Santa Ana River Conservation and Conjunctive Use Program (SARCCUP)

First Tuesday of Every Other Month (February, April, June, August, October, December)

(Note: All meetings begin at 8:30 a.m., unless otherwise noticed, and are held at SAWPA.)

February		April	
2/4/25	Regular Committee Meeting [cancelled]	4/1/25	Regular Committee Meeting
June		August	
6/3/25	Regular Committee Meeting - EMWD	8/5/25	Regular Committee Meeting - SBVMWD
October		December	
10/7/25	Regular Committee Meeting	12/2/25	Regular Committee Meeting

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PROJECT AGREEMENT 23 COMMITTEE
Santa Ana River Conservation and Conjunctive Use Program (SARCCUP)
REGULAR MEETING MINUTES
April 1, 2025

COMMITTEE MEMBERS PRESENT

Mike Gardner, Chair, Western Municipal Water District Governing Board
Jasmin A. Hall, Inland Empire Utilities Agency Governing Board
David Slawson, Alternate, Eastern Municipal Water District Governing Board

COMMITTEE MEMBERS ABSENT

Susan Lien Longville, San Bernardino Valley Municipal Water District Governing Board

ALTERNATE COMMITTEE MEMBERS PRESENT [Non-Voting]

John Kennedy, Orange County Water District General Manager [via-zoom]

MEMBER AGENCY STAFF PRESENT

Eastern Municipal Water District
Gordon Ng

Inland Empire Utilities Agency
Aimee Zhao
John Russ

Orange County Water District
Adam Hutchinson
Lisa Haney
Fred Jung

San Bernardino Valley Municipal Water District
Adekunle Ojo
Joanna Gibson

Western Municipal Water District
Craig Miller
Ryan Shaw
Joshua Aguilar

Santa Ana Watershed Project Authority
Jeff Mosher
Zyanya Ramirez
John Leete
Rachel Gray
Karen Williams
Sara Villa
Shavonne Turner
Dean Unger

OTHERS PRESENT

Thomas S. Bunn, Lagerlof, LLP; Rachel Waite-Harvey, MWDOC

1. CALL TO ORDER | PLEDGE OF ALLEGIANCE

The regular meeting of the Project Agreement (PA) 23 Committee was called to order at 8:30 a.m. by Committee Chair, Mike Gardner.

2. ROLL CALL

3. PUBLIC COMMENTS

There were no public comments; there were no public comments received via email.

4. ITEMS TO BE ADDED OR DELETED

There were no items to be added or deleted.

5. CONSENT CALENDAR

A. APPROVAL OF MEETING MINUTES: AUGUST 1, 2023

MOVED, to approve the Consent Calendar as posted.

Result:	Adopted by Roll Call Vote
Motion/Second:	Hall/Slawson
Ayes:	Gardner, Hall, Slawson
Nays:	None
Abstentions:	None
Absent:	Longville

6. NEW BUSINESS

A. PROJECT AGREEMENT 23 COMMITTEE BUDGET FOR FISCAL YEAR ENDING 2026

Karen Williams provided a presentation titled Project Agreement (PA) Committee Budget for Fiscal Year Ending 2026, contained in the agenda packet on pages 9-20.

An overview of the PA 23 Committee Budget was provided, and it was noted that the budget only covers Fiscal Year 2026. This budget aligns with the amendment schedule for the DWR Grants Agreement under Proposition 84. PA 23 Committee was part of the final round of funding under Prop 84.

Per Section 10 of the Project Agreement, a budget is required as part of the grant process. Additionally, the PA 23 budget has been incorporated into the SAWPA two-year budget, which will be presented to the Commission later today. Historically, the PA 23 committee budget has included member agency participant fees. However, for fiscal year 2026, no new participant fees are proposed.

Ms. Williams noted that the total cost of the project is approximately \$149 million, with major components including conjunctive use, habitat restoration for *Arundo donax* and the Santa Ana sucker, as well as project management.

Woodard & Curran manages water use efficiency and project administration. SAWPA staff supports both PA 22 and PA 23 Committees by preparing agendas, coordinating with SARCCUP project sponsors, and facilitating communication.

Woodard & Curran also manage invoices with DWR, facilitates bi-monthly planning manager meetings, and oversees scheduling and deliverables tracking. This will be fully funded using approximately \$100,000 from unused participant fees, and the remaining portion covered by Prop 84 grant funds. Sufficient participant fee carryover remains even after this allocation.

Mr. Mosher noted that staff is proposing to allocate an additional \$290,000 in remaining participant fees toward the development of the CARP (Climate Adaptation and Resilience Plan) grant. This plan will be brought back to the general managers for review and approval. The proposed funding will help support the local cost-share match and ensure the successful implementation of CARP. Staff is considering repurposing leftover SARCCUP funds particularly from the Water Use Efficiency Project Management budget to support them. This approach has been discussed with the general managers and will be finalized pending their review of the scope and budget proposals. Next steps are to finalize scope and budget with Woodard & Curran, present scope and budget to general managers and seek approval, and present to Commission in May/June timeframe.

MOVED, to adopt the FYE 2026 PA 23 Committee Budget.

Result:	Adopted by Roll Call Vote
Motion/Second:	Slawson/Hall
Ayes:	Gardner, Hall, Slawson
Nays:	None
Abstentions:	None
Absent:	Longville

B. ADOPTION OF AMENDMENT NO. 6 TO SBVMWD SARCCUP COMPONENT

Rachel Gray provided a presentation titled Adoption of Amendment No. 6 to San Bernardino Valley Municipal Water District (SBVMWD) SARCCUP Component, contained in the agenda packet on pages 21-32.

Ms. Gray reported that the current deadline for construction projects under the agreement is July 31, 2025, with project closeout scheduled for November 2025. However, staff are seeking a time extension to allow SBVMWD to complete their Habitat Restoration Project for the Santa Ana Sucker.

After multiple discussions with DWR, the staff's key recommendation is for the PA 23 Committee to approve Amendment No. 6, which would formally request a construction deadline extension specifically for SBVMWD's habitat restoration efforts. They are currently developing the necessary documentation and project details to support this request.

Ms. Gray noted that if the time extension is granted, the other two (2) recommendations outlined on the agenda are no longer necessary. Therefore, the primary focus is securing approval from the PA 23 Committee to move forward with adoption of Amendment No. 6 for a time extension for construction (mid-January 2026). Chair Mike Gardner emphasized that staff's recommendation is a modified motion to only seek approval of a time extension for construction.

Joanna Gibson continued the presentation and noted that the project focuses on creating and enhancing 2.8 miles of stream habitat and sixty acres of riparian habitat for native fish, specifically the Santa Ana Sucker, along four tributaries of the Santa Ana River in Riverside.

Construction is active at two key sites, with non-native plant removal underway at four tributary sites. Staff are using heavy equipment in wet floodplain areas, which adds complexity. They have faced delays due to bid rejections and have since moved forward with in-house construction. Progress includes 50% rough grading at Hidden Valley Creek and active work at Anza Creek. Ms. Gibson noted that some of the key challenges have been strict environmental permitting, weather-related delays, and least bell's vireo nesting. Due to constraints and the current July 31, 2025, construction deadline, approval of Amendment No. 6 to extend the deadline is requested. This will allow the project to be completed successfully without compromising environmental compliance.

MOVED, that the PA 23 Committee authorized the modified recommendation of Adoption of Amendment 6 for a time extension for construction (mid-January 2026).

Result:	Adopted by Roll Call Vote
Motion/Second:	Hall/Slawson
Ayes:	Gardner, Hall, Slawson
Nays:	None
Abstentions:	None
Absent:	Longville

C. SANTA ANA RIVER CONSERVATION AND CONJUNCTIVE USE PROGRAM UPDATE

Rachel Gray provided a presentation titled Santa Ana River Conservation and Conjunctive Use Program (SARCCUP) Update, contained in the agenda packet on pages 33-71.

Ms. Gray reported that SARCCUP has been ongoing for over a decade and aligns well with the innovative and dynamic program. The goals include fostering multi-agency collaboration on a regional effort to develop a dry-year water supply through water banking, similar to air banking. The program also features components related to water conservation and habitat restoration. These efforts stem from SAWPA's OWOW 2.0 Plan, which was funded by Proposition 84, and key components include: Conjunctive Use, CEQA Compliance, and Habitat Restoration. On the management side, the program also includes both project and program management elements. We are working in coordination with OCWD (Orange County Water District) and have an agreement in place with the Municipal Water District of Orange County. Additionally, staff are implementing a water use efficient component. As of Amendment No. 5, the current construction completion date was July 31. However, it is anticipated to submit Amendment No. 6 soon to extend the deadline.

Representatives from the member agencies Western Municipal Water District (Ryan Shaw), Eastern Municipal Water District (Gordon Ng), Orange County Water District (Adam Hutchinson), San Bernardino Valley Municipal Water District (Joanna Gibson), and Municipal Water District of Orange County (Rachel Waite-Harvey) provided brief updates on their respective projects.

Ms. Gray noted that the next steps are to move forward with developing a task order for project management. Additionally, staff will continue collaborating with the member agencies on various grant-related reporting efforts as several projects are currently underway and nearing completion. Staff will finalize and submit Amendment No. 6. There was no discussion.

This item was for informational purposes; no action was taken on Agenda Item No. 6.C.

7. INFORMATIONAL REPORTS

A. GENERAL MANAGER REPORT

There were no additional items to discuss.

B. COMMITTEE MEMBER COMMENTS

There were no Committee Member comments received.

C. CHAIR'S COMMENTS/REPORT

There were no Chair comments received.

8. COMMITTEE MEMBER REQUESTS FOR FUTURE AGENDA ITEMS

There were no requests for future agenda items.

9. ADJOURNMENT

There being no further business for review, Committee Chair Mike Gardner adjourned the meeting at 9:23 a.m.

Approved at a Regular Meeting of the Project Agreement 23 Committee on Tuesday, June 3, 2025

Mike Gardner, Chair

Attest:

Sara Villa, Clerk of the Board

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Santa Ana River Conservation and Conjunctive Use Program Update

Project Agreement 23 Committee
Item Number 5.B

Ian Achimore, SAWPA
And
Member Agency Staff

June 3, 2025

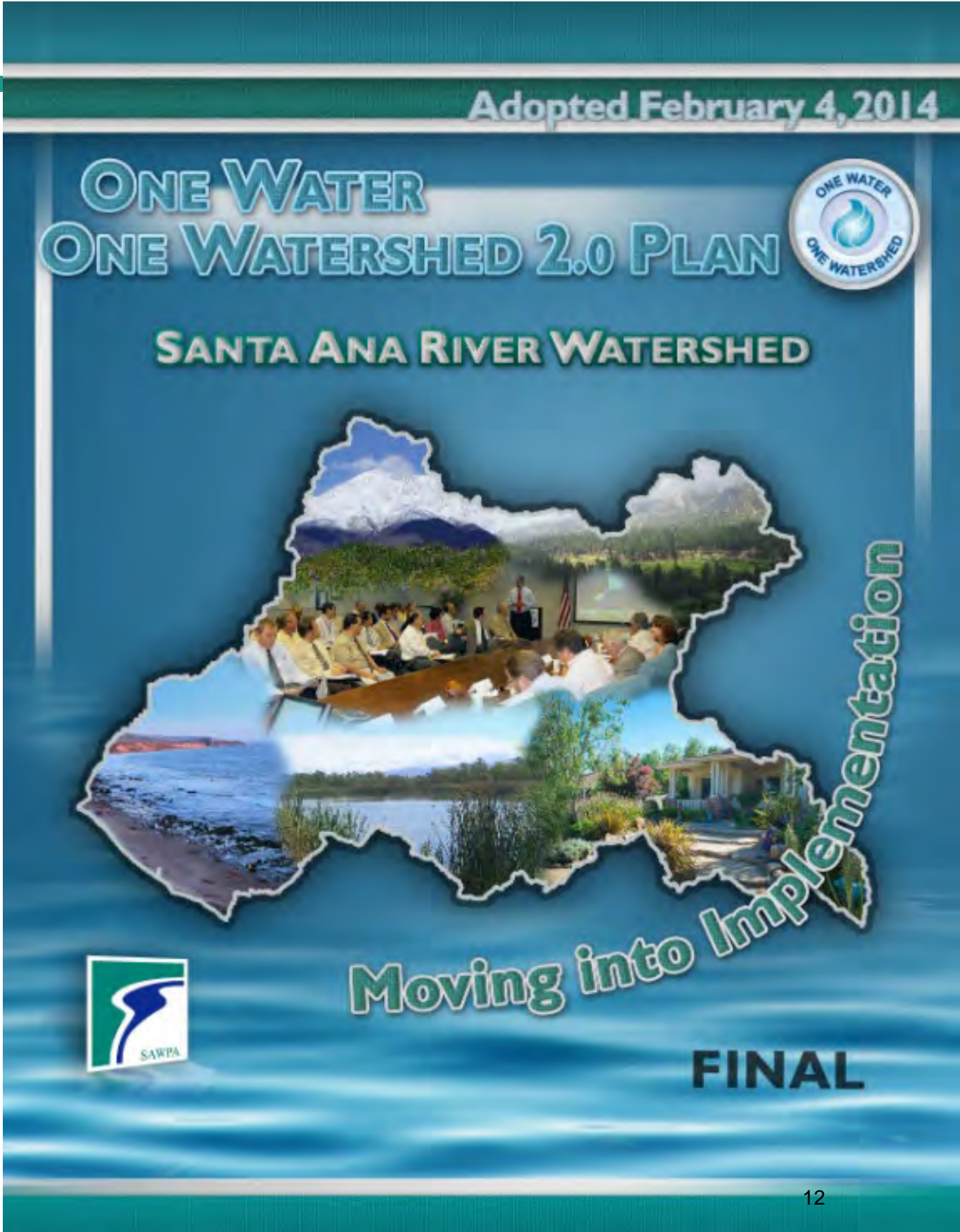
SARCCUP and OWOW Plan Goals

SARCCUP achieves several goals:

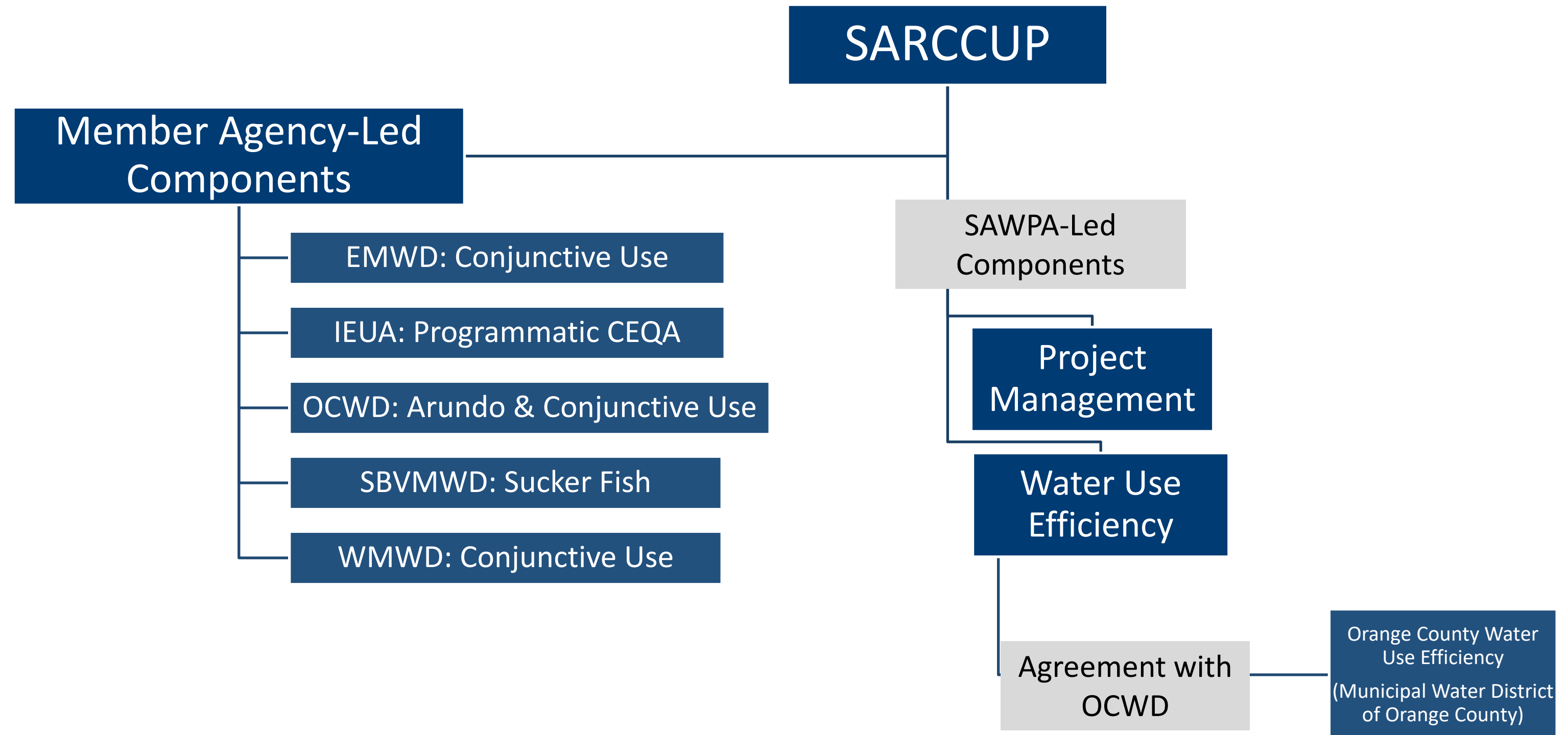
- 1) Multi-Agency Collaboration
- 2) Watershed-wide Program
- 3) Develop dry-year supply by banking wet-year water
- 4) Implement:
 - a) Water conservation measures and
 - b) Habitat restoration efforts.

OWOW 2.0 water supply-related goal:

OWOW 2.0 Goal	OWOW Performance Targets for 2035
Maintain reliable and resilient water supplies and reduce dependency on imported water.	Create 58,000 AFY using a combination of additional wells, treatment, conjunctive use storage, and desalination of brackish groundwater.



SARCCUP Components



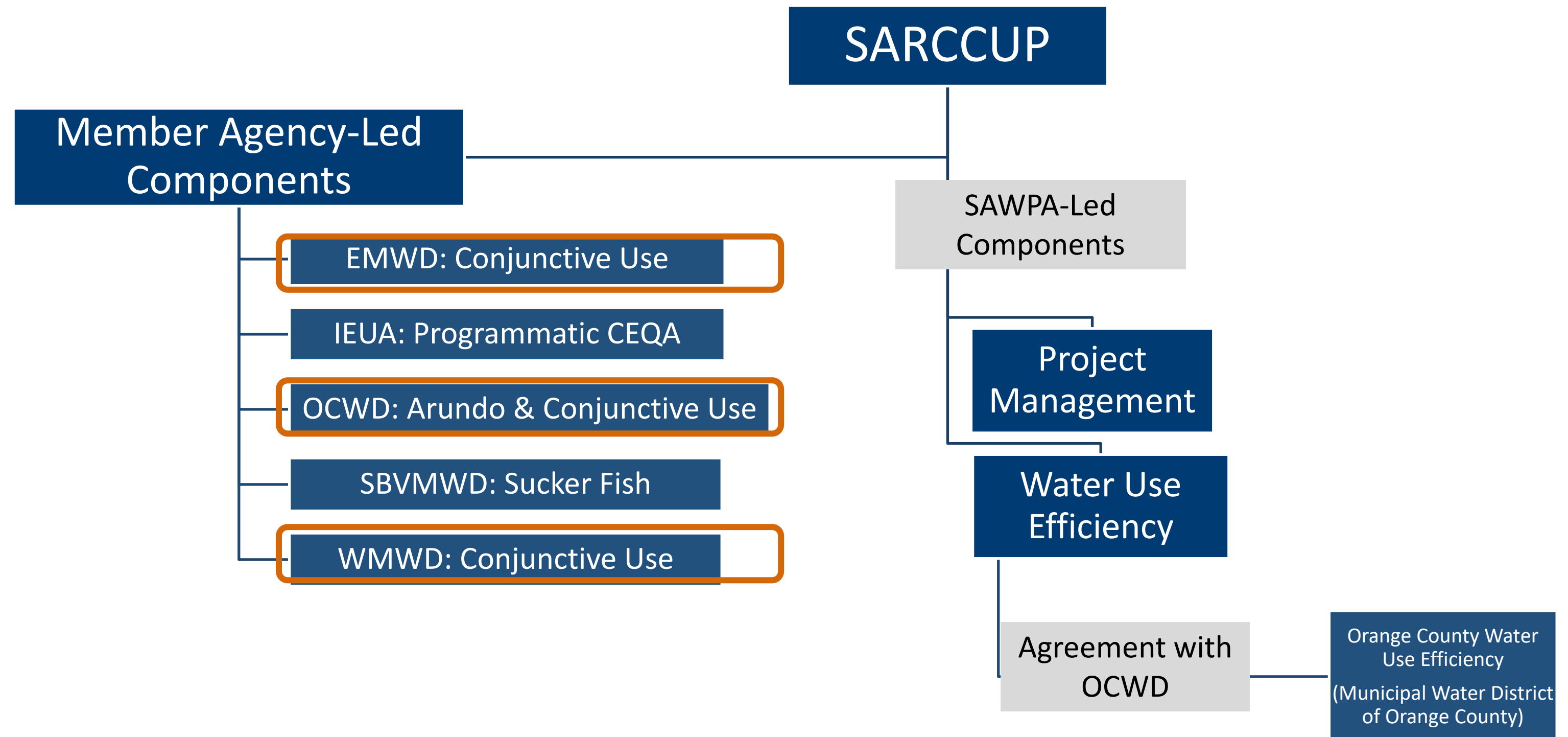
SARCCUP Schedule

Fiscal Years	FYE 2014-FYE 2024		FYE 2025	FYE 2026
Calendar Years	2014	2015-2024	2025	2026...
	Project begins implementation		Current Grant Agreement Deadline for Construction - July 31, 2025	



Note: Schedule end date is important as it is included in the Proposition 84 Department of Water Resources \$55 Million Grant Agreement.

Conjunctive Use Updates



Purpose of SARCCUP Conjunctive Use Water Bank



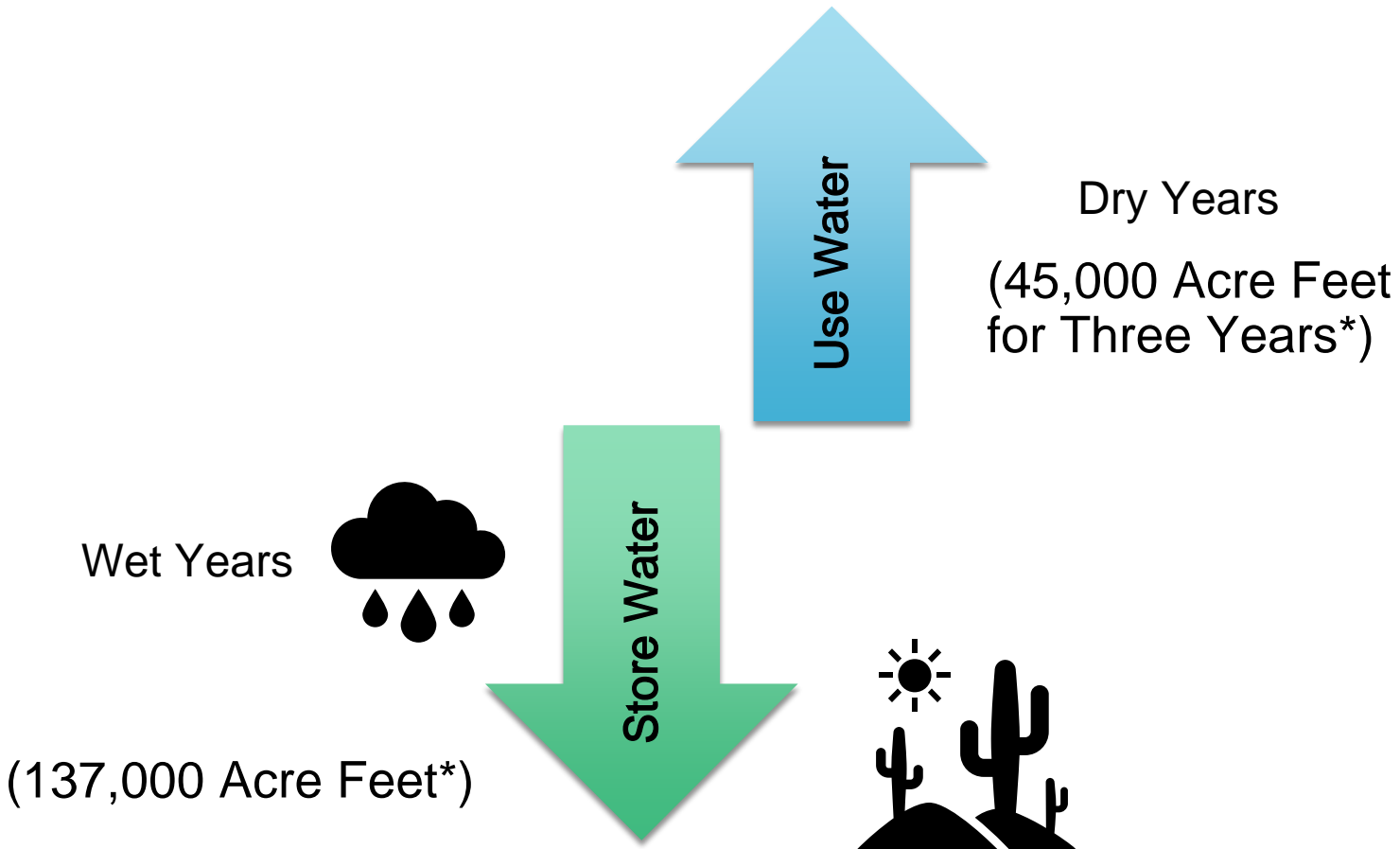
The primary goal is to maximize the storage of wet year imported water supplies that can later be used during droughts.



SARCCUP able to store approximately 137,000 acre-foot (AF) with the capacity to recharge and store up to 60,000 AF per year (AFY) during wet years.



Dry year supply approximately 45,000 AFY for 3 years.*



The target amounts for storage and use are dependent upon actual hydrology.

*To reduce costs, in lieu exchanges will be used in place of direct deliveries as much as possible.

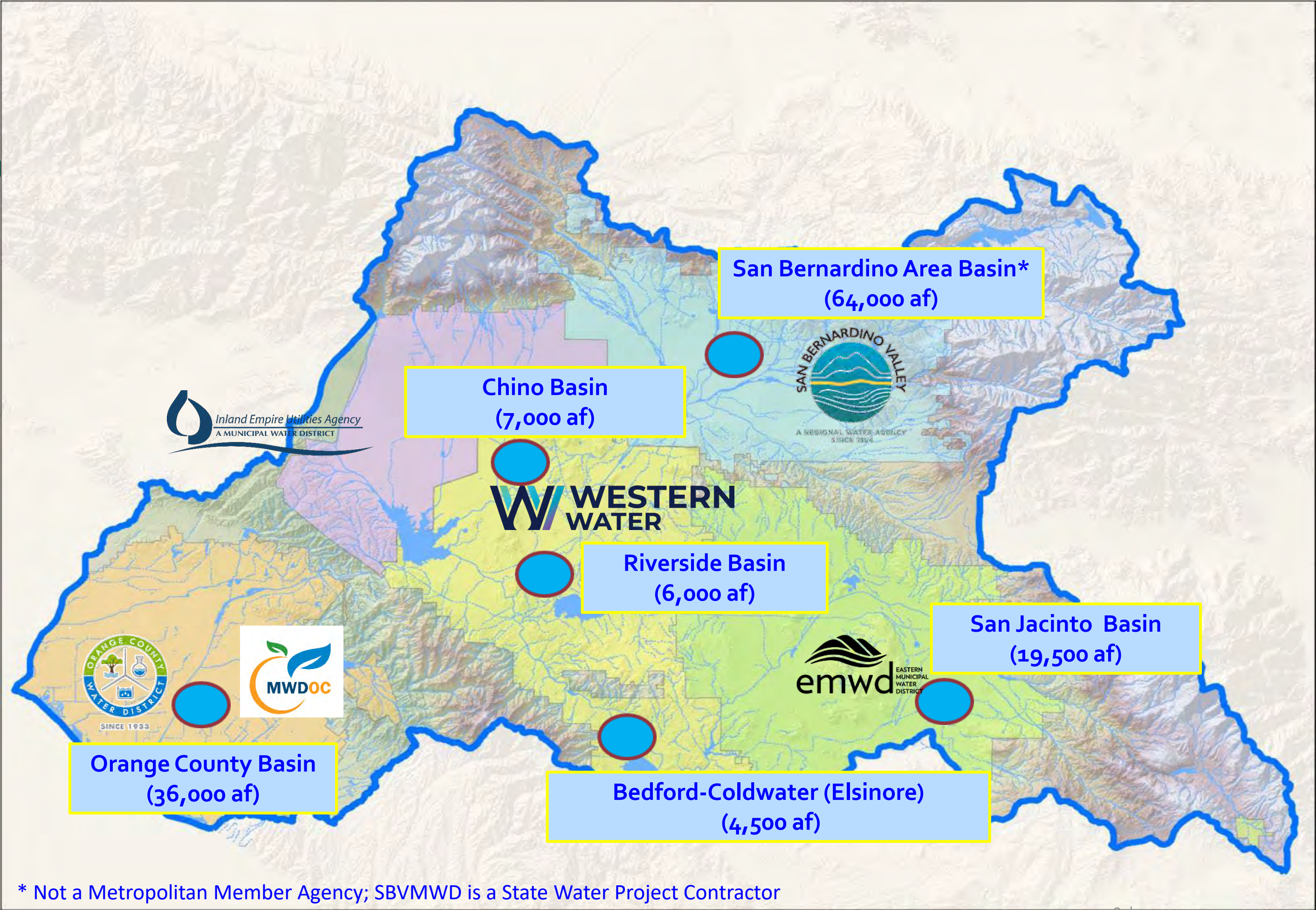
Conjunctive Use Water Bank Storage Locations

Basin	Storage (Acre Feet) Approximate Amount*
Chino	7,000
Elsinore	4,500
Orange County	36,000
Riverside-Arlington	6,000
San Bernardino	64,000
San Jacinto	19,500
Total	137,000

*The target amounts for wet year storage and dry year supply are dependent upon actual hydrology.

SARCCUP Storage

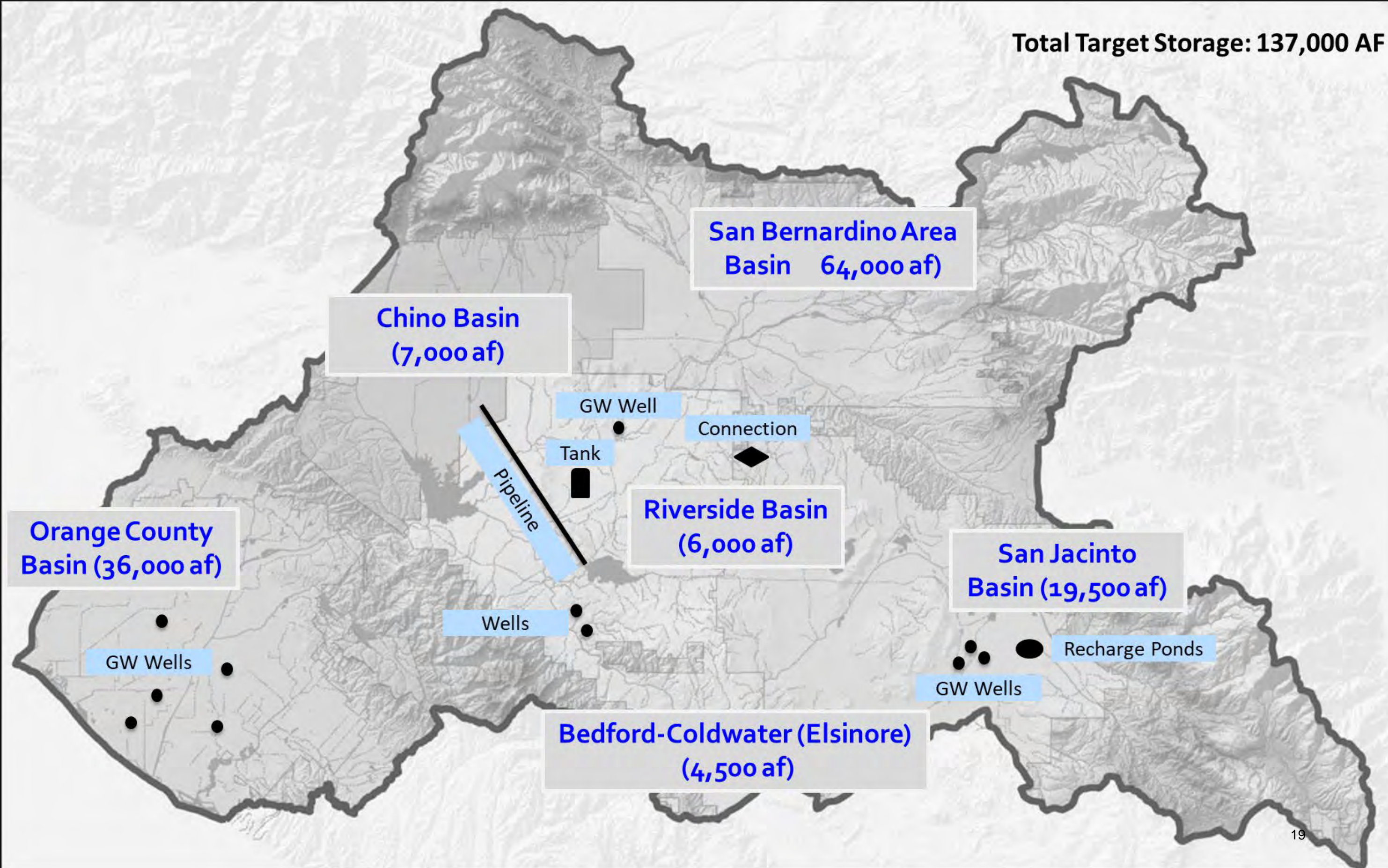
Interconnections
and project
conveyance
components allow
direct deliveries
amongst basins



* Not a Metropolitan Member Agency; SBVMWD is a State Water Project Contractor

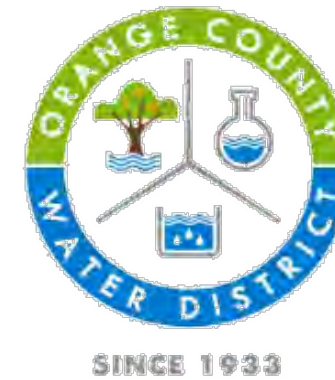
New SARCCUP Facilities

New SARCCUP
Facilities (Black)



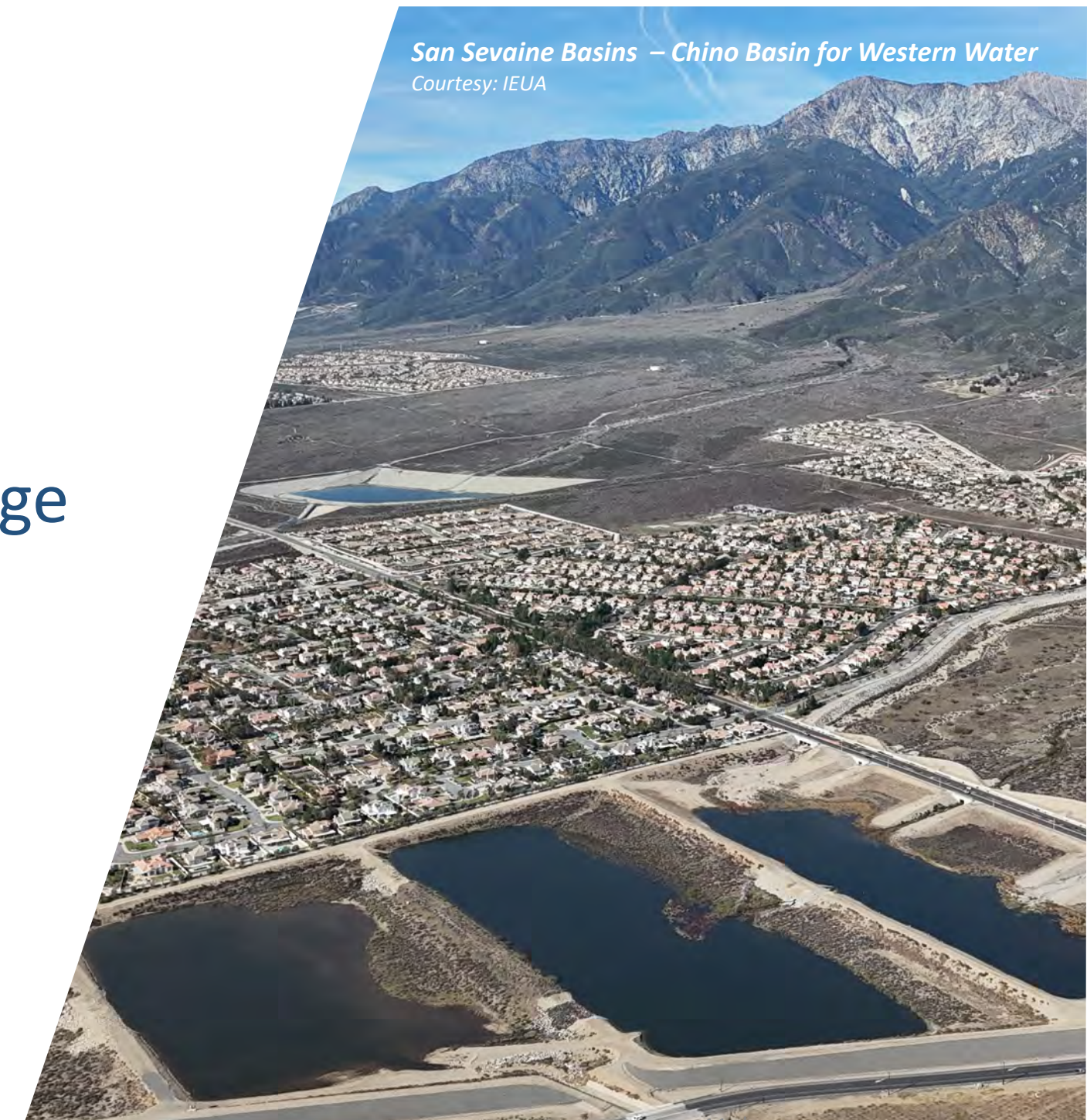
SARCCUP Operations Committee

- Purpose:
 - Formed via a March 2023 agreement between EMWD, OCWD, SBVMWD and WMWD, it analyzes transactions for water purchases, storage and delivery
 - Supports operating decisions for movement of SARCCUP water
 - Oversees financial transactions and streamline reporting
- Other highlights:
 - Key agencies (i.e., Metropolitan Water District) participate as non-voting parties or observers
 - Details procedures for water purchases, storage, points of delivery, scheduling transactions, etc.
- Committee meets as needed



Current SARCCUP Storage

- **Orange County Basin** - OCWD has deposited 2,000 AF in their portion of the SARCCUP bank
- **Chino Basin** – Western Water has deposited 2,084 AF in their portion of the SARCCUP storage
- No water extracted from the Storage Program at this stage



EMWD Updates



San Jacinto Groundwater Basin Facilities
(Mountain Avenue West Groundwater Replenishment and Extraction Wells)

Wells 201, 202, 203



EMWD Updates

- ▶ Mountain Ave West Groundwater Replenishment Facility: facility utilized on a temporary basis while the recharge ponds were undergoing repair (April-June 2024)
- ▶ Wells 201-203: Equipping completed in early 2024
- ▶ San Jacinto Valley Groundwater Treatment Facility:
 - Not included in SARCCUP grant funding but pertinent to the project
 - Groundbreaking ceremony held in July 2024
 - Construction completion in summer 2026



Multi-Benefits of New SARCCUP Infrastructure

- Mountain Avenue West Replenishment Facility
 - 40-acre recharge facility, including 22-acres of active recharge basins as part of the San Jacinto Valley Enhanced Regional Recharge Program (SJVERRP)
 - Three separate basin facilities – one for de-silting and flow distribution and two for recharge operations
 - Capable of recharging up to 30,000 acre-feet per year (19,500 AF for SARCCUP Storage)
 - 11 monitoring well sites surround facility
- Three potable wells: Wells 201, 202, and 203 (plus Well 205 but not grant-funded)
 - Conveyance Pipelines
 - Hewitt and Evans Groundwater Treatment Facility (not grant-funded)
 - Each Well Capacity: 1,500 gpm
 - Total Water Supply: 6,500 AFY

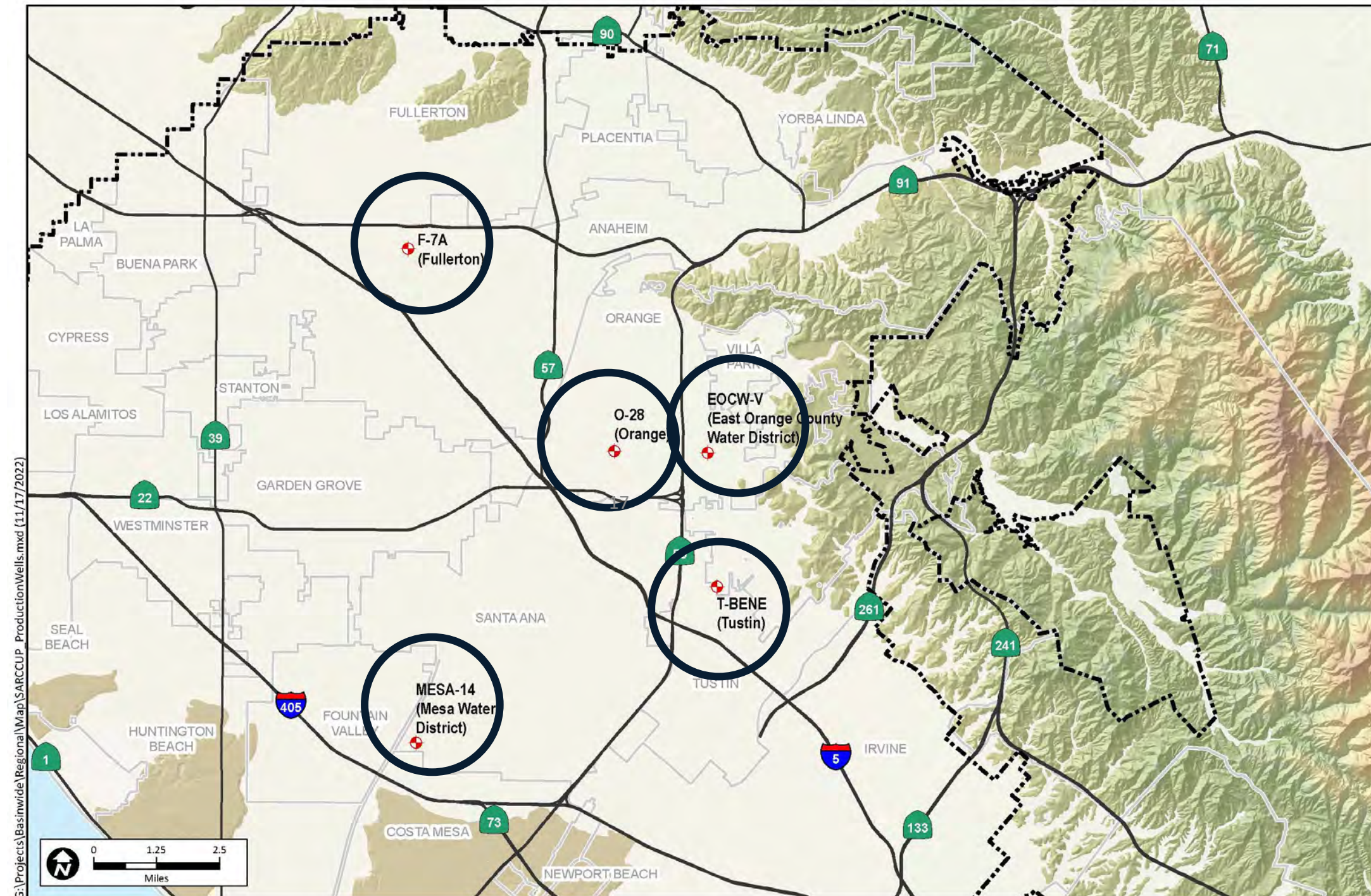


OCWD UPDATES

Orange County Groundwater Wells



Five SARCCUP Orange County Production Wells





Status of Well Completion/Equipping

Agency	Well Name	Date Well Completed	Projected Equipping Complete
City of Fullerton	Well 7A	February 2021	January 2026
City of Orange	Well 28	March 2022	July 2025
City of Tustin	Beneta Well (R)	September 2022	March 2024
East Orange County Water District	Vanderwerff Well	December 2021	September 2023
Mesa Water District	Well 14	March 2021	March 2023

Multi-Benefits of New SARCCUP Infrastructure

- Provides each participating retailer additional pumping capacity to withdraw banked SARCCUP water when needed.
- The new wells are more efficient and will require less energy to withdraw water compared to older wells (reduce carbon footprint).
- With the new construction, OCWD took advantage of the opportunity to install wellhead treatment systems at wells that needed treatment for PFAS (4 of the 5). These systems will ensure that the quality of the produced water meets regulatory requirements.

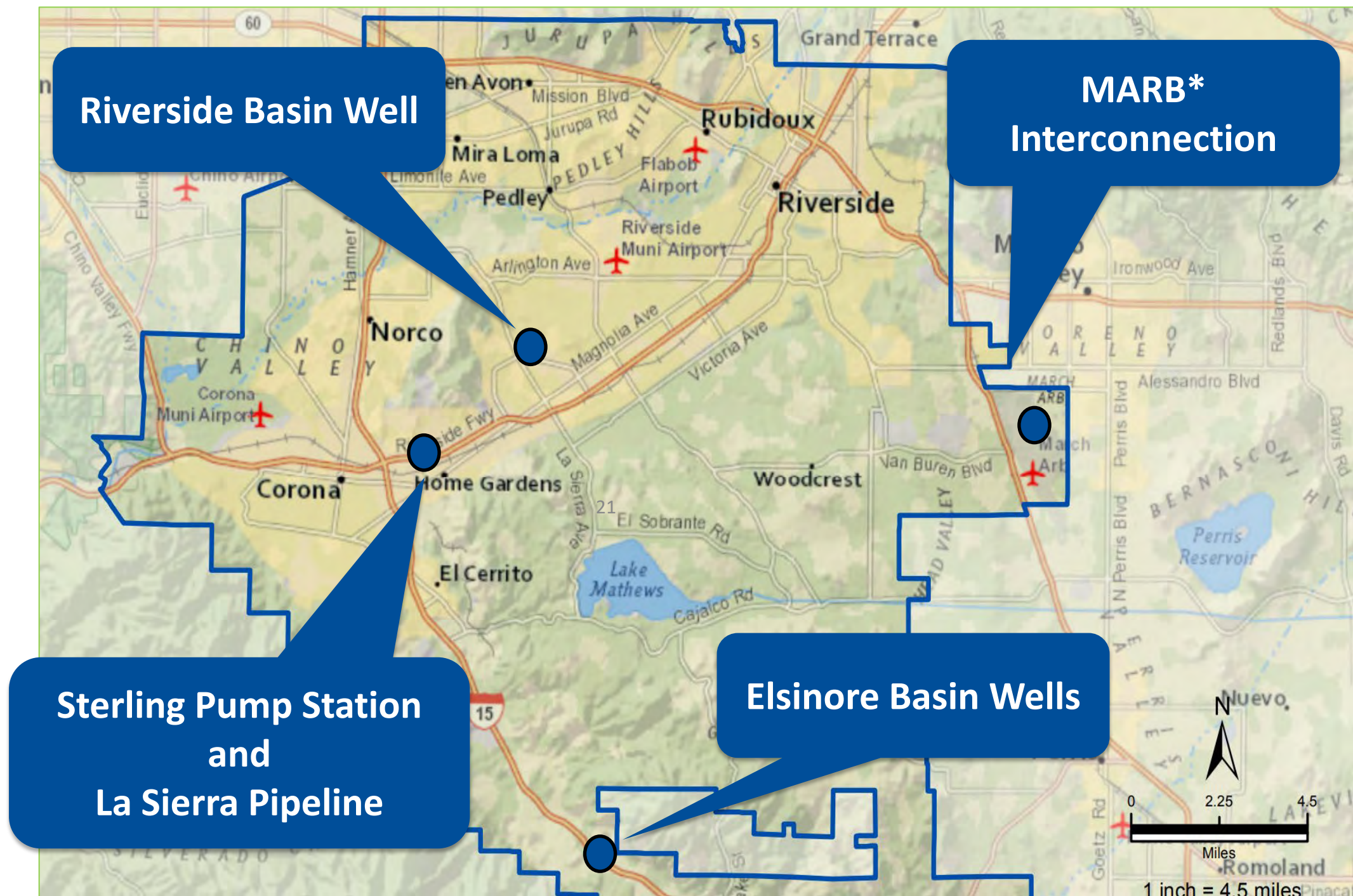


WMWD Updates



Sterling Pump Station, Riverside-Arlington Basin Facilities,
Elsinore Basin Wells, and Interconnections

SARCCUP WMWD Facilities



*MARB = March Air Reserve Base

Sterling Pump Station and La Sierra Pipeline

- Sterling Pump Station & Reservoir, and La Sierra Pipeline (~\$40 million) were completed in late 2022
- Connection between Chino Desalter II to Arlington Desalter System to Mills Gravity Line
- Allows movement of extracted SARCCUP supplies to move to Jurupa Community Services District (JCSD), Norco, Corona, Western retail, Temescal Valley, and Elsinore Valley



Interconnections

- Magnolia Intertie construction underway (~95% complete)
- March Air Reserve Basin (MARB) Interconnection complete
- Allows movement of extracted SARCCUP supplies from various groundwater basins

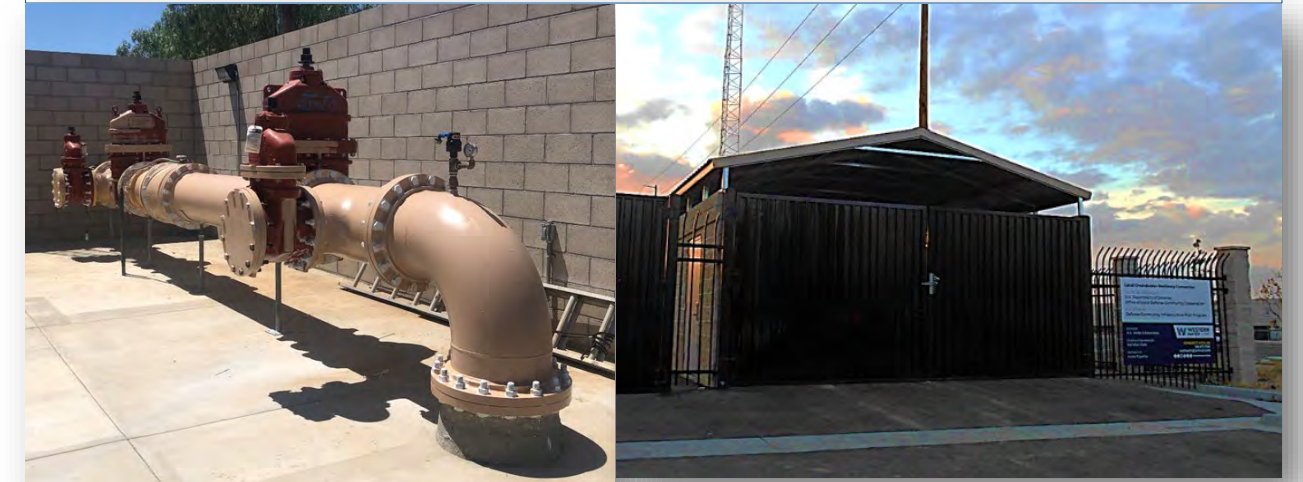
Riverside Basin Well

- Well drilling and casing installation complete
- Pumping development, testing and sampling complete
- Design/Construction contracts have been awarded
- Allows movement of extracted SARCCUP supplies from San Bernardino Basin Area, Riverside, and Riverside-Arlington groundwater basins

Elsinore Basin Wells

- New extraction wells with PFAS treatment
- Projects under construction (~90% complete)
- Allows movement of extracted SARCCUP supplies from Elsinore groundwater basins

MARB Interconnection Facility



Riverside Basin Well Casing Install



Elsinore Basin Wells

GAC Backwash Foundation

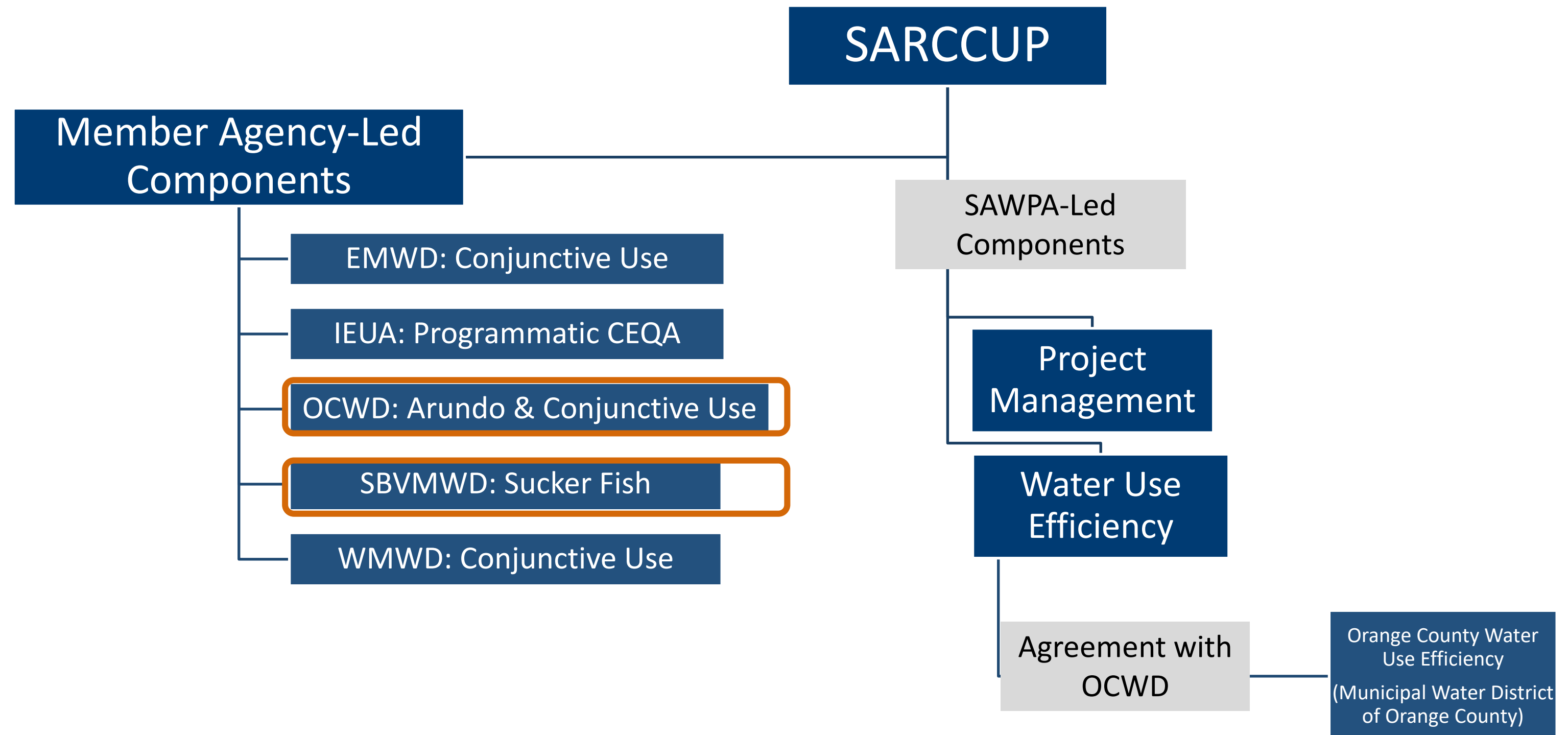
Well 2 Drilling



Multi-Benefits of New SARCCUP Infrastructure

- Provides additional pumping capacity to withdraw banked SARCCUP water
- Newer energy efficient equipment (wells, pump station, etc.)
- Interconnections for movement of SARCCUP supplies from various groundwater basins
- Western's sub-agency took the opportunity to install treatment for PFAS
- New conveyance systems allows movement of extracted SARCCUP supplies to move to JCSD, Norco, Corona, Western retail, Temescal Valley, and Elsinore Valley
- Overarching:
 - Collaborating with neighboring agencies to optimize regional resources
 - Created a water storage initiative for the watershed to utilize surplus supplies
- Program underway with over 4,000 AF banked

Habitat Updates (Arundo & Sucker Fish)



Purpose of Santa Ana Sucker Habitat

- Restore hydrology to maintain exposed gravel/cobble and flow conditions adverse to non-native fishes.
- Restore connection to Santa Ana River at the floodplain for access to tributary habitat.
- Assist with implementation of the Upper Santa Ana River Habitat Conservation Plan (regulatory document associated with Endangered Species Act).



Santa Ana Sucker Habitat Location

Total Benefits (Four Streams):

- 2.8 miles of stream habitat (lines in blue and red)
- 60 acres riparian habitat surrounding the streams (green)



Santa Ana Sucker Status Update

- All tributaries cleared of encampments
- All tributaries have ongoing nonnative plant treatment
 - Over 2,000 palm trees have been treated across all sites
- Advertised for bids: May 28, 2024; bid opening: July 16, 2024.
 - All bids rejected August 20, 2024
- Moved forward using self-performance
- Clear and grub & 50% rough grading complete at Hidden Valley Creek
- Clear and grub, rough grading underway at Anza Creek
- Work ongoing at Lower Hole Creek and Old Ranch Creek



Purpose of Arundo Donax Removal


Removing it prevents:

Hazardous ignition
source

“Crowding out” of
important native
plants

Altering flow regimes
in surface waters
(Santa Ana River)

Consumption of large
volumes of water from
Santa Ana River
Watershed that could
be used downstream*



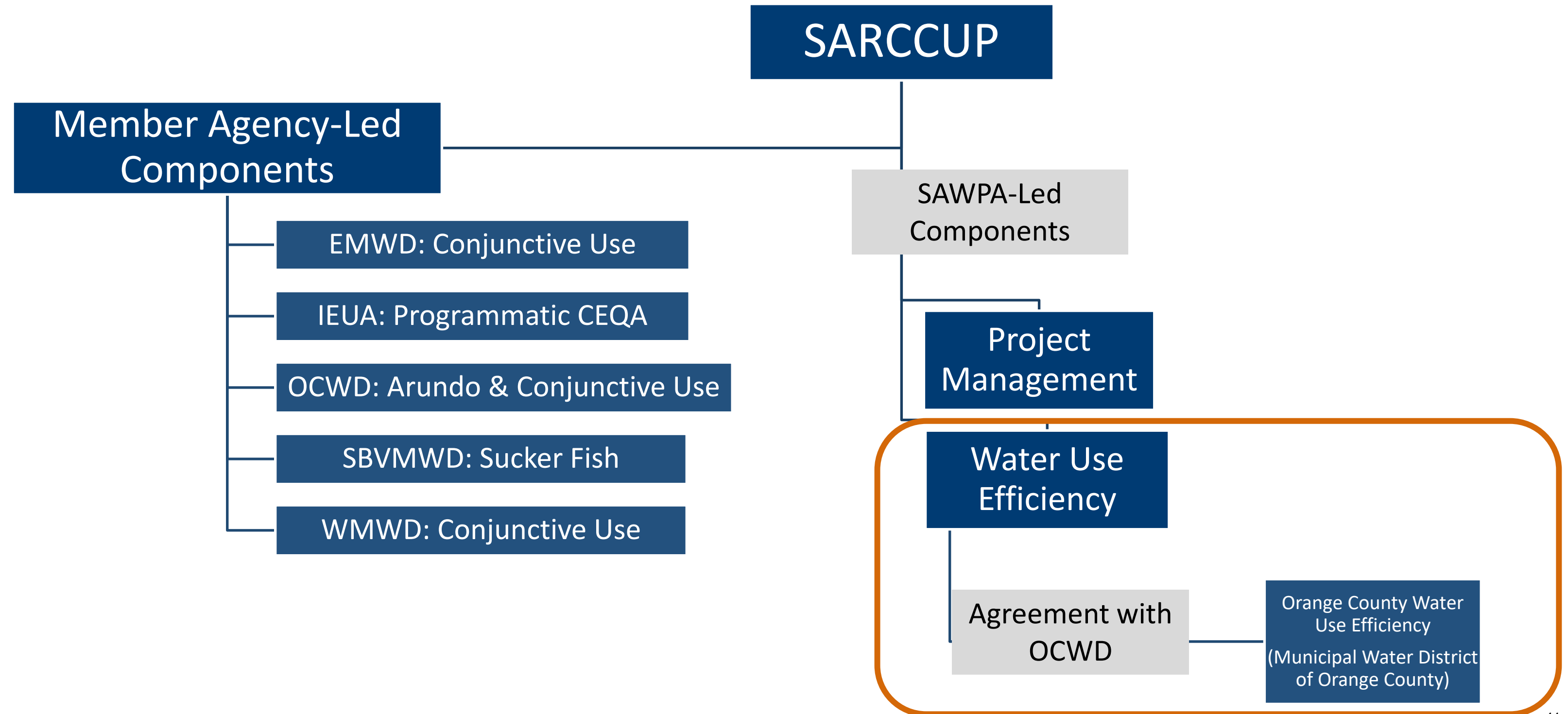
***Estimates are an acre of Arundo consumes up to 20 AFY of water per year (California Invasive Plant Council, 2011).**



Arundo Donax Status Update

Area	Arundo Removed (acres)
Prado Burn Fire	400
Army Corps of Engineers Former Areas	6
Mill Creek Prado	1
Santa Ana River (SAR) - Upstream River Road	78
SAR - Downstream River Road	137
Prado Airport Fire	2
SAR - Downtown Riverside	18
SAR - Dump to Van Buren	11
Mann Fire	32
Total	685
Grant Requirement	640
Additional Removal	+45

Water Use Efficiency Updates



Purpose of Water Use Efficiency Implementation

- Work with retail water agencies in the watershed to create efficiency-based water budgets.
- Efficiency based budget deliverables provided to partners include landscape feature (trees, shrubs, etc.) measurement data and weather (evapotranspiration rate) information.
- Efficiency budgets provided over **1,200 acre-feet** over a three-year period (i.e. 400 AFY).

How the work was implemented:

- For the Upper Santa Ana River Watershed (Riverside and San Bernardino counties) SAWPA and consultant, NV5, partnered with eight retail water agencies.
- For Orange County, SAWPA has an agreement with OCWD who in turn has agreement with the Municipal Water District of Orange County (MWDOC).

Dedicated Landscape Meter Customer Example



Water Use Efficiency Implementation Status Update (Upper Watershed)

Retail Partner*	Efficiency Budgets Created	Official Start of Partnership	Deliverables Submitted to Partner
Chino Hills City	135	November 2021	August 2024
Hemet City	140	August 2021	November 2023
Jurupa Community Services District	408	May 2022	November 2023
Loma Linda City	107	March 2022	November 2023
Monte Vista Water District	168	June 2021	November 2023
Perris City	11	August 2021	April 2024
Riverside City	490	June 2021	November 2023
San Bernardino City	190	November 2021	January 2024
Total Dedicated Irrigation Meters Budgets Created	1,649		

*Per direction from SAWPA member agencies, two retailers per SAWPA member agency were to partner on this effort. With four member agencies in the Upper Watershed that led to 8 total partners.

Water Use Efficiency Implementation Status Update (Upper Watershed)

- Total efficiency budgets created was for 1,649 dedicated irrigation meter customers.
- Amounts different for retail partner due to the amount of usable customer data (i.e. with items like meter location and meter type) they were able to share with SAWPA consultant NV5.
- All retailers initially offered 190 customers.
- Some retailers able to do more, which SAWPA approved in certain circumstances when other retailers were determined to not have enough usable customer data.

Dedicated Landscape Meter Customer Example



Next Steps for Upper Watershed Partners

- Each retail partner* has access to WaterView Portal for the customers included in this project.
- This tool is custom designed to help water professionals meet the efficiency requirements established under the new long term California water conservation legislation, SB606 & AB1686.
- Eagle Aerial Solutions (a sub-contractor to NV5) is the portal developer.

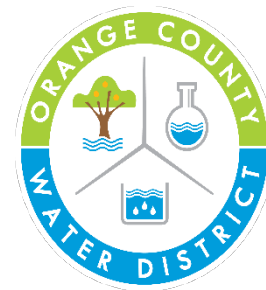


Images: Eagle Aerial Solutions

**Except Perris as they had 11 customers with usable customer data and the cost to utilize WaterView CII per retailer was \$10,000.

Water Use Efficiency Implementation Status Update (Orange County)

- Utilized 2020, 3", 4-band aerial imagery through the Orange County Data Acquisition Partnership (OCDAP) to classify and measure dedicated irrigation meter (DIM) landscapes
- Cost-share model with OC retailers, Metropolitan, and SAWPA/OCWD
- Measured all landscapes associated with dedicated irrigation meters for participating retailers
 - Landscapes associated with nearly 6,000 meters across 12 water suppliers



Water Use Efficiency Implementation Status Update (Orange County)

- ◆ In addition to water budgets, data will assist water suppliers with the Making Conservation a CA Way of Life Framework

- ◆ Calculation of Urban Water Use Objective
- ◆ DIM Measurements required by July 2028

- ◆ Next Steps:

- ◆ Use DIM and DWR-provided data to identify mixed-use meters > ½ acre, per regulation
- ◆ Reconcile multi-family DWR-provided Residential LAM data



SARCCUP Next Steps

- SAWPA is working with the member agencies to complete the various grant-required reporting.
- WMWD is completing the groundwater well in Riverside-Arlington Basin.
- OCWD is working with Fullerton and Orange cities to complete their two SARCCUP wells.
- SBVMWD is working on their Sucker fish stream/tributaries (including Hidden Valley and Anza).

Thank You

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Adoption of Amendment No. 6 to SARCCUP Component

SAWPA Project Agreement 23 Committee Meeting
Item No. 6.A

Ian Achimore, Interim Planning Department Manager
Santa Ana Watershed Project Authority

June 3, 2025

Recommendation



Approve the Proposition 84 2015 Round Integrated Regional Water Management Grant Amendment No. 6 to allow for an extension for construction from July 31, 2025 to March 31, 2026 so various components of SARCCUP can be completed.

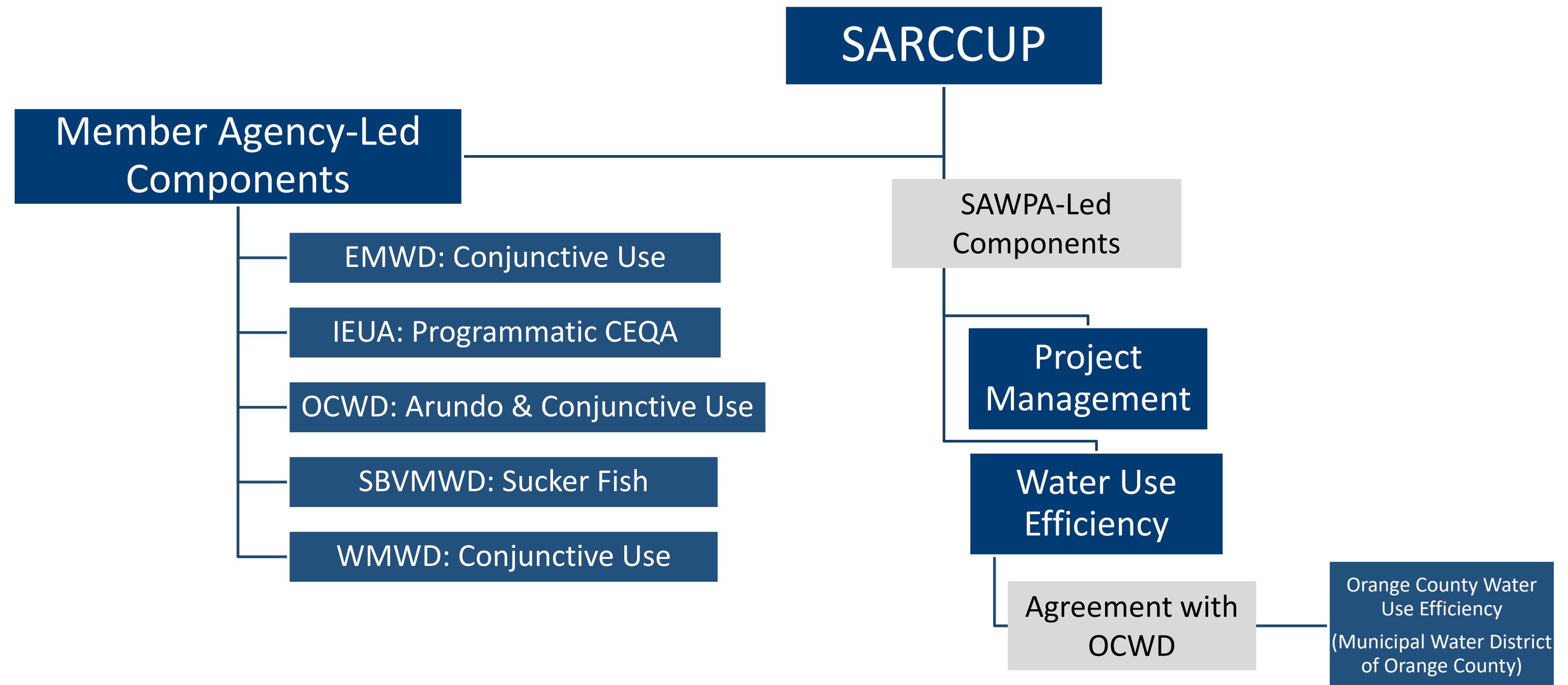


Santa Ana Sucker Streams

Orange County Well Equipping



Structure of SARCCUP Project

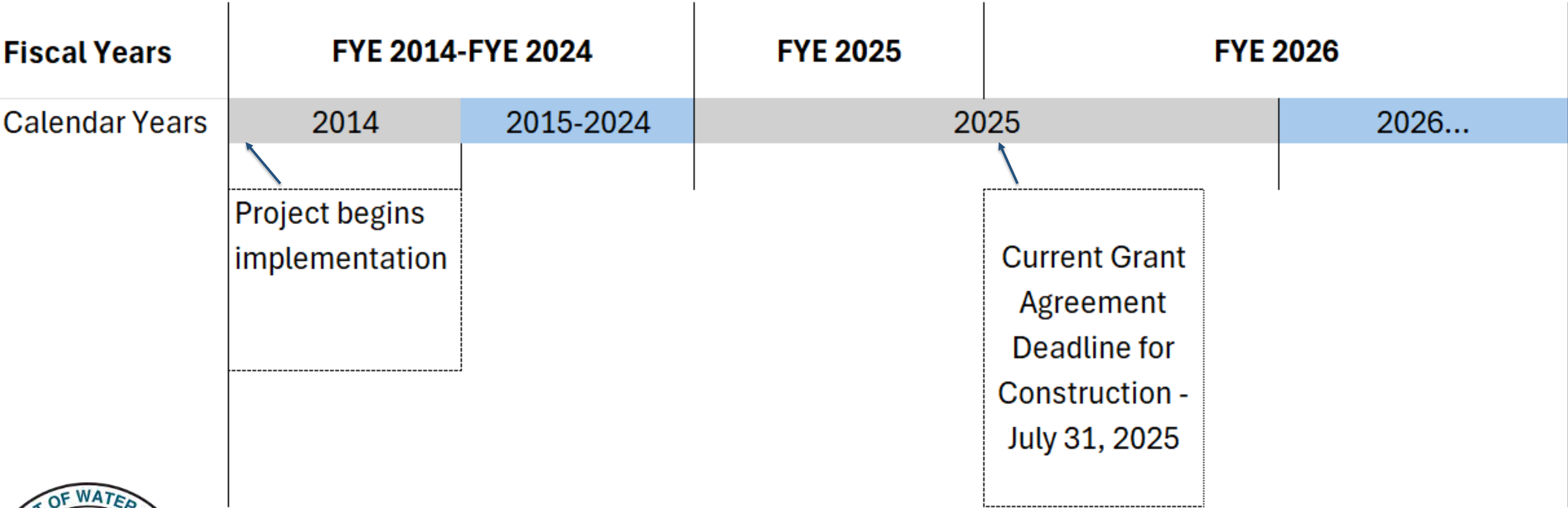


Summary of Previous Amendments



Amendment	Date Executed	Description of Amendment
1	February 1, 2019	Some conjunctive use individual projects changed scopes based on the SARCCUP feasibility study.
2	May 29, 2020	Overall watershed conjunctive use storage amount changed from 180,000 acre feet to 137,000 acre feet.
3	August 8, 2022	The construction schedule was moved from September 30, 2023 to March 31, 2025.
4	January 29, 2024	Each of the SARCCUP agencies had the projects they were leading (like the recharge basin and new extraction wells) separated into an agency-specific work plan, budget and schedule.
5	February 24, 2025	The construction schedule was moved from March 31, 2025 to July 31, 2025.

SARCCUP Schedule (Current)



Note: Schedule end date is important as it is included in the Proposition 84 Department of Water Resources \$55 Million Grant Agreement.

Purpose of Santa Ana Sucker Streams

- Restore hydrology to maintain exposed gravel/cobble and flow conditions adverse to non-native fishes
- Restore connection to Santa Ana River at the floodplain for access to tributary habitat
- Assist with implementation of the Upper Santa Ana River Habitat Conservation Plan (regulatory document associated with Endangered Species Act)



Santa Ana Sucker Streams

Total Benefits (Four Streams):

- 2.8 miles of stream habitat (lines in blue and red)
- 60 acres riparian habitat surrounding the streams (green)



Santa Ana Sucker Streams

- Advertised for bids for construction of Anza and Hidden Valley Creeks: May 28, 2024
- Bid opening: July 16, 2024
- All bids rejected August 20, 2024
- Moved forward with SBVMWD staff:
 - Clear and grub and 50% rough grading complete at Hidden Valley Creek
 - Clear and grub, rough grading underway at Anza Creek
 - Work ongoing at Lower Hole Creek and Old Ranch Creek



Project Constraints and Outcome

Constraints:

- Nesting bird season (a lot of least Bell's vireo)
- Working in an active flood plain
- Two storm drain outlets requiring demobilization

2025			2026			
October	November	December	January	February	March	April
Possible Santa Ana Winds						
	Possible Storms.....					
			Official Bird Nesting Season.....			



Amendment Also Benefits Two Wells

- OCWD's Partner (Fullerton City) Production Well
 - Equipping to be completed in approximately January 2026

As well as...

- WMWD Well No. 7 in Riverside-Basin
 - Extension provides float in schedule

Further Details on Wells

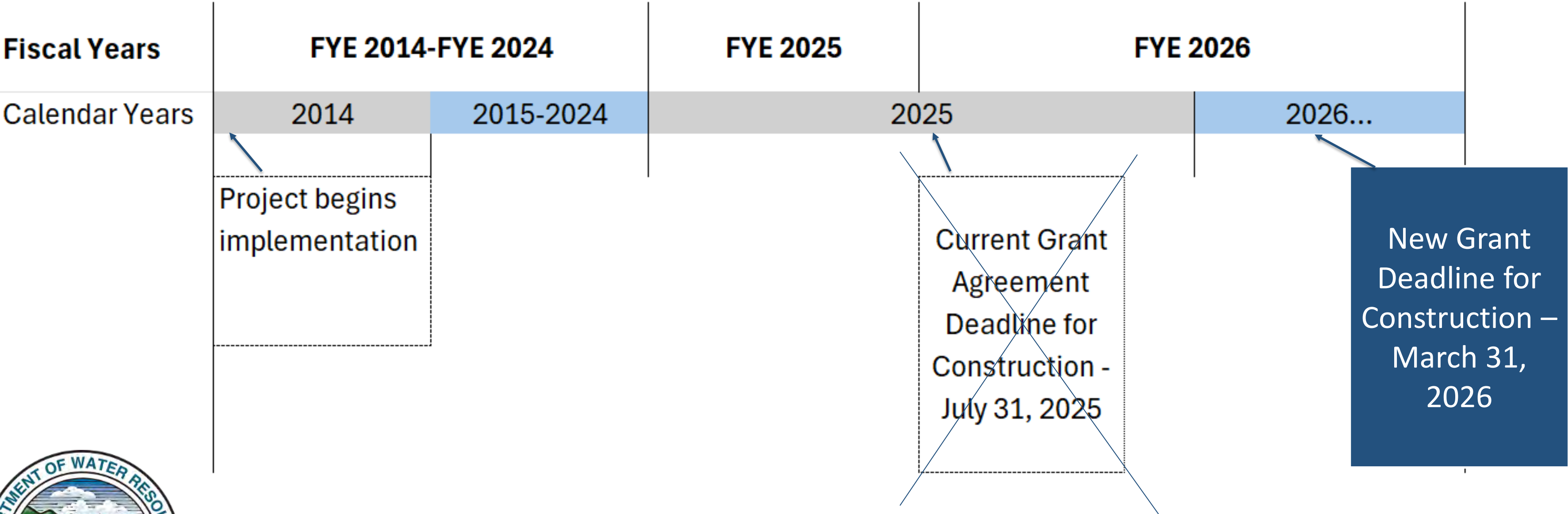
OCWD Fullerton Well in Orange County Basin

- >1,000 foot deep well
- Well was drilled/completed February 2021
- Equipping to be completed in January 2026 (supply chain issues have delayed equipping)

WMWD Well No. 7 in Riverside-Basin

- Non-potable well with a verified available production rate of 1,500 gallons per minute
- Equipping bid awarded January 22, 2025
- Can very likely complete equipping by July 31, 2025, but additional time is beneficial as contingency

SARCCUP Schedule (Updated)



Funding Impact



1. Extension of work for Woodard & Curran and SAWPA for grant administration.
 - From FYE 2025 to FYE 2026
2. Largely the same amount of work needed, but the work period is longer.
3. Additional work could be created due to the DWR's task numbering (which can change via amendments).
 - Most recently this occurred with Amendment No. 4.
 - This can lead to changes in the invoice/reporting/deliverable database tracking.

Recommendation



Approve the Proposition 84 2015 Round Integrated Regional Water Management Grant Amendment No. 6 to allow for an extension for construction from July 31, 2025 to March 31, 2026 so various components of SARCCUP can be completed.

Thank You

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FYE 2026 Task Order for SARCCUP Project Management Services

(SAWPA Task Order RMC504-401-12)

SAWPA Project Agreement 23 Committee Meeting
Item No. 6.B

Ian Achimore, Interim Planning Department Manager
Santa Ana Watershed Project Authority

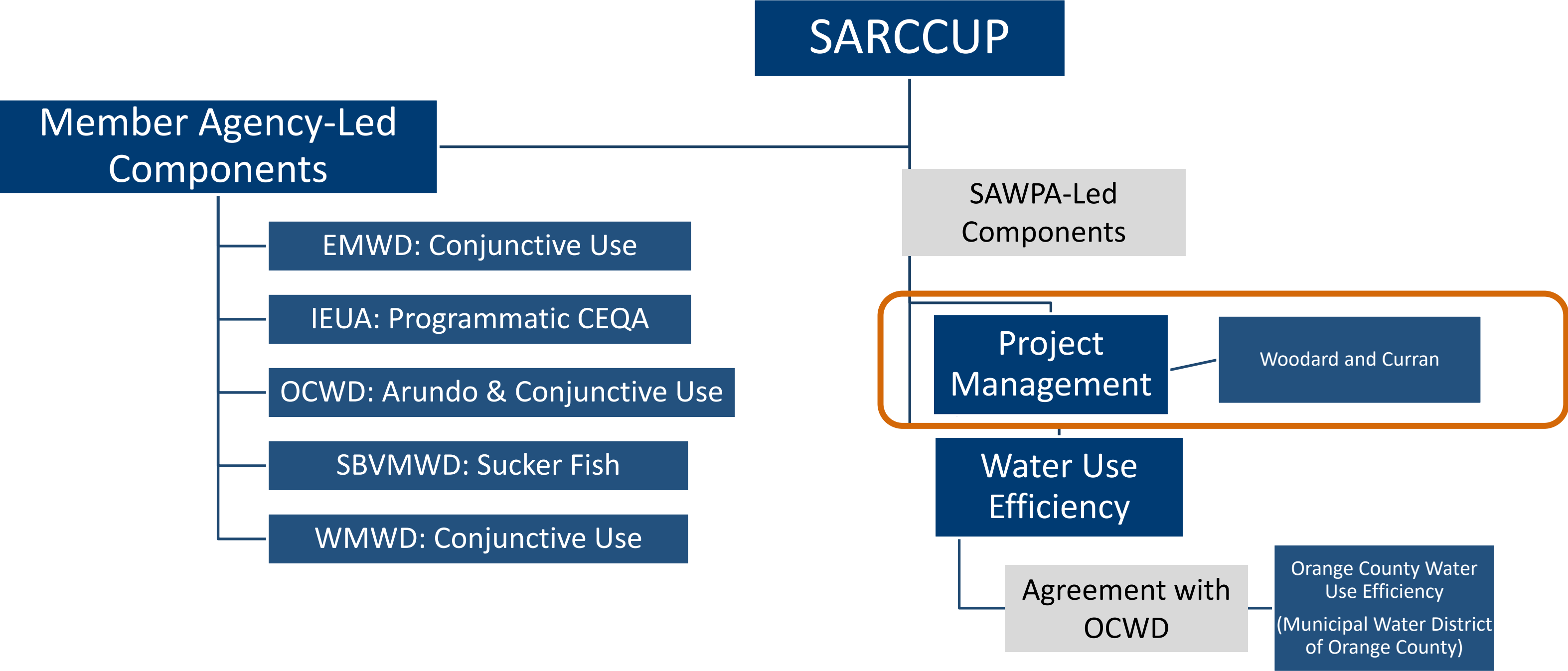
June 3, 2025

Overview and Recommendation



- Overview:
 - Member Agency Planning Managers reviewed FYE 2026 SARCCUP Project Manager Costs for Woodard & Curran.
- Recommendation:
 - Authorize the approval of Task Order RMC504-401-12 in the amount not-to-exceed **\$122,525 for FYE 2026** with Woodard & Curran for Project Management Services to support the Santa Ana River Conservation and Conjunctive Use Program (SARCCUP).

Portion of SARCCUP



Note: All components of SARCCUP receive a portion of the \$55 Million Prop 84 Integrated Regional Water Management grant via the Department of Water Resources.

Major Woodard & Curran (W&C)

FYE 2025 Activities



1. Assisted SAWPA with responding to DWR's invoicing questions
2. Assisted SAWPA with development and quality control review of budget/schedule
3. Updated web-based database per DWR's new requirements
4. Analysis of SARCCUP deliverables and tracking status
5. Coordination with SAWPA member agencies on various deliverables
6. Updating of project completion report templates for each of the five SAWPA member agencies
7. Monthly meetings with SAWPA

FYE 2025 Budget: \$136,098

Major W&C FYE 2026 Activities



1. Assist with Amendment No. 6
2. Updated web-based database per any new Amendment No. 6 requirements
3. Coordination with SAWPA member agencies on various deliverables
4. Assisting with finalization of project completion reports and the overall grant completion report
5. Monthly meetings with SAWPA

FYE 2025 Budget: \$122,535

Major W&C FYE 2026 Activities



Task Order	Task Order Adopted Budgets	Actuals	Estimate or Proposed Budget	Delta (Under/Over Budget)
1 - FYE 2017	\$310,429	\$307,210		\$3,219
2 - FYE 2018	\$260,515	\$140,885		\$119,630
3 - FYE 2019	\$224,485	\$181,953		\$42,532
4 - FYE 2020	\$229,046	\$154,973		\$74,073
5 - FYE 2021	\$225,005	\$76,737		\$148,268
6 - FYE 2022	\$132,872	\$63,231		\$69,642
7 - FYE 2023	\$84,030	\$48,730		\$35,300
8 - FYE 2024	\$90,957	\$90,945		\$12
9 - FYE 2025	\$136,098	NA	\$98,537*	\$37,561
10 - FYE 2026	NA	NA	\$122,535**	NA
Total	\$1,693,437	\$1,064,664	NA	\$530,237

No additional invoicing of SAWPA member agencies required.

*Estimate (2 months remaining on FYE 2025 Task Order)

**Proposed budget for FYE 2026

FYE 2026 Task Order Budget



Task	FYE 2026 Proposed Task Order
Task 1: Program Status Reports	\$27,320
Task 2: Labor Compliance*	\$0
Task 3: CEQA Compliance*	\$0
Task 4: Prepare Project Monitoring Plan*	\$0
Task 5: Coordinate Procurement of Appropriate Permits*	\$0
Task 6: Schedule Information*	\$0
Task 7: Construction Activities and Notification*	\$0
Task 8: Acknowledgement of Credit/Signage Requirements*	\$0
Task 9: Post Performance Monitoring Plan*	\$0
Task 10: Report Submittals	\$26,840
Task 11: Quarterly Progress Report	\$8,700
Task 12: Project Invoice Oversight	\$19,130
Task 13: Project Review and Evaluation; Final Reports and Audit	\$40,545
TOTAL	\$122,535

*Tasks used in initial SARCCUP Task Orders; no longer necessary as project comes to conclusion.

Recommendation



Authorize the approval of Task Order RMC504-401-12 in the amount not-to-exceed **\$122,535 for FYE 2026** with Woodard & Curran for Project Management Services to support the Santa Ana River Conservation and Conjunctive Use Program (SARCCUP).

Thank You

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**SANTA ANA WATERSHED PROJECT AUTHORITY
TASK ORDER NO. RMC504-401-12**

CONSULTANT: Woodard & Curran
888 S. Figueroa Street, Suite 1700
Los Angeles, CA 90017

VENDOR NO.: 1980

COST: \$122,535.00

PAYMENT: Upon Receipt of Proper Invoice

REQUESTED BY: Ian Achimore, Interim Planning Manager

June 3, 2025

FINANCE: _____
Karen Williams, Deputy GM/CFO Date

FINANCING SOURCE: Acct. Coding: 504-401-IMPLE-6113-01
Acct. Description: General Consulting

COMMISSION AUTHORIZATION REQUIRED FOR THIS TASK ORDER: YES (X) NO ()
Authorization: June 3, 2025; PA23#6.B.

This Task Order is issued upon approval and acceptance by the Santa Ana Watershed Project Authority (SAWPA) and Woodard & Curran (Consultant) pursuant to the General Services Agreement between SAWPA and Consultant, entered into on July 5, 2023, expiring December 31, 2026.

I. PROJECT NAME OR DESCRIPTION

SARCCUP Program Management Services

II. SCOPE OF WORK / TASKS TO BE PERFORMED

Consultant shall provide the SARCCUP Program Management services as thoroughly described in the attached scope of work.

III. PERFORMANCE TIME FRAME

Consultant shall begin work July 1, 2025; and shall complete performance of such services by **June 30, 2026.**

IV. SAWPA LIAISON

Ian Achimore shall serve as liaison between SAWPA and Consultant.

V. COMPENSATION

For all services rendered by Consultant pursuant to this Task Order, Consultant shall receive a total not-to-exceed sum of **\$122,535.00**. Payment for such services shall be made monthly upon receipt of timely and proper invoices from Consultant, as required by the above-mentioned Agreement. Each such invoice shall be provided to SAWPA by Consultant within 15 days after the end of the month in which the services were performed.

VI. CONTRACT DOCUMENTS PRECEDENCE

In the event of a conflict in terms between and among the contract documents herein, the document item highest in precedence shall control. The precedence shall be:

- a. The General Services Agreement by Independent Consultant/Contractor.
- b. The Task Order or Orders issued pursuant to the Agreement, in numerical order.
- c. Exhibits attached to each Task Order, which may describe, among other things, the Scope of Work and compensation therefore.
- d. Specifications incorporated by reference.
- e. Drawings incorporated by reference.

In witness whereof, the parties have executed this Task Order on the date indicated below.

SANTA ANA WATERSHED PROJECT AUTHORITY

Jeffrey J. Mosher, General Manager Date

WOODARD & CURRAN

(Signature) Date

Print/Type Name and Title

Exhibit A

SCOPE OF WORK

The scope of work of the Program Manager shall address the implementation of program management responsibilities for the SARCCUP as a whole. For all tasks associated with the scope of work, the Program Manager shall be responsible to ensure the timely provision of all defined Program Manager deliverables and the Sub-Grantee project deliverables to the SAWPA grant administrator. Program Manager shall also assist SAWPA staff in coordination with the Department of Water Resources (DWR) grant reporting processes. Actual grant reporting is not included in this scope of work.

TASK 1 - PROVIDE PROGRAM STATUS REPORTS TO SAWPA STAFF AND SAWPA MEMBER AGENCIES PLANNING MANAGERS

The Program Manager shall meet approximately once a month remotely, using readily available screensharing collaborative software such as Microsoft Teams or Zoom, with the SAWPA staff, Sub-Grantee representatives and other SAWPA member agency staff (generally referred to as the “SARCCUP Technical Group”) to coordinate all activities including tracking, communicating, and defining responsibilities toward scope, schedule, budgets and deliverables. The Program Manager shall perform the following administrative activities as needed:

- 1) Coordinate meetingscheduling,
- 2) Complete agenda preparation, and
- 3) Transcribe meeting notes.

The Program Manager shall attend Project Agreement 23 Committee meetings remotely when that option is available.

The Program Manager shall assist SAWPA with development of detailed budget, schedule and work plan updates for DWR amendments. This involves analyzing cost information, schedule updates, and scope changes from the member agencies, reviewing for consistency, and providing drafts to SAWPA for review. Program Manager shall coordinate edits with the member agencies, if any, before providing to SAWPA.

TASK 2 - LABOR COMPLIANCE PROGRAM - DEPARTMENT OF INDUSTRIAL RELATIONS

This task is not included in the scope of the Program Manager.

TASK 3 - CEQA COMPLIANCE

This task is not included in the scope of the Program Manager.

TASK 4 - PREPARE PROJECT MONITORING PLAN

This task is not included in the scope of the Program Manager.

TASK 5 - COORDINATE APPROPRIATE PERMITTING EFFORTS

This task is not included in the scope of the Program Manager.

TASK 6 - SCHEDULE INFORMATION

This task is not included in the scope of the Program Manager.

TASK 7 - CONSTRUCTION ACTIVITIES AND NOTIFICATION

This task is not included in the scope of the Program Manager.

TASK 8 - ACKNOWLEDGEMENT OF CREDIT/SIGNAGE REQUIREMENTS

This task is not included in the scope of the Program Manager.

TASK 9- BENEFIT ASSESSMENT

This task is not included in the scope of the Program Manager.

TASK 10 - REPORT SUBMITTALS

Program Manager shall institute a document management, tracking, and retrieval system that provides access to all Programs Documents. Program Manager shall utilize a cloud-based system such as Opti that provides for access by SAWPA and each Sub-Grantee of all relevant documents, including invoices, schedules, reports, disbursements, etc. Program Manager will update reporting templates for Sub-Grantee projects according to grant agreement amendments, as needed.

Program Manager shall work with Sub-Grantees to coordinate the preparation and submittal of quarterly, annual and final reports as specified in the SARCCUP and following DWR requirements and the IRWM Grant Agreement guidelines.

Program Manager shall work with Sub-Grantees to ensure that the following is accomplished for each project contained in the Program scope of work:

- 1) Establish an official Project file that documents all significant actions relative to the Project;
- 2) Establish separate accounts that adequately and accurately itemize and describe all amounts received and expended on the Project, including local expenditures and grant funds received under the IRWM Grant Agreement;
- 3) Establish separate accounts that adequately and accurately itemizes and describes all income received which is attributable to the Project, specifically including any income attributable to grant funds disbursed and income attributable to each Sub-Grantee.
- 4) Establish an accounting system that adequately and accurately itemizes and describes final total

costs of the Project, including both direct and indirect costs;

- 5) Establish such accounts and maintain such records as may be necessary for the State, DWR and SAWPA to fulfill federal reporting requirements, including any and all reporting requirements under federal tax statutes or regulations; and
- 6) If Force Account is used by any Sub-Grantee for any phase of the Program, Program Manager shall establish an account that adequately and accurately itemizes and describes all employee hours, and associated tasks charged to the Program per employee.

Program Manager shall also coordinate with Sub-Grantees to ensure that all local project contractors and subcontractors maintain books, records, and other material relative to the project in accordance with generally accepted accounting standards, and to require that such contractors and subcontractors retain such books, records, and other material for a minimum of five (5) years after project completion. All such books, records, and other material shall be subject, at all reasonable times, to inspection, copying, and audit by SAWPA, DWR or its authorized representatives.

Program Manager working with the Sub-Grantees shall ensure that each Sub-Grantee maintain books, records and other material concerning the Program in accordance with generally accepted government accounting standards and as required by the SAWPA Sub-Grantee Agreements.

Program Manager working with the Sub-Grantees shall expeditiously provide, during work on the Program and as a Program Manager Scoping Option, for three years after completion of the Program construction, such reports, data, information and certifications as may be reasonably required by SAWPA. Such documents and information shall be provided in electronic format.

TASK 11 - QUARTERLY PROGRESS REPORTS

Program Manager shall work with the Sub-Grantees in compiling, evaluating and combining the local project component quarterly progress reports into a Program Quarterly Report which shall be submitted to the SAWPA grant administrator. The Sub-Grantee Quarterly Progress Reports shall provide a brief description of the work performed, activities, milestones achieved, any accomplishments as well as any problems encountered in the performance of the work.

Report Format:

Progress reports shall generally use the following format, organized by groundwater basin banks and other project components, and which may be modified as needed to effectively communicate information. For each project, describe the work performed including:

- Project Status
- Describe the work performed during the time period covered by the report, tasks/subtasks/categories, including but not limited to:
- Updates on all ongoing tasks.
- Estimates of the percent (%) complete by task and the overall Program.

- Discussion of any project related work completed this reporting period.
- Milestones or deliverables completed/submitted.
- Impediments to completion of any task.
- Photos documenting progress.

COST INFORMATION

For each project, provide the following:

- A comparison of project task(s) percent complete with percent invoiced.
- A list of any changes approved by the PA-23 committee to the budget in accordance with Grant Agreement and a revised budget, by task, if changed from latest budget in the Overall Work Plan.

TASK 12 - PROJECT INVOICE OVERSIGHT

Program Manager shall facilitate program budget compliance by obtaining copies of all project invoices and tracking the invoices submitted by the Sub-Grantees to the SAWPA grant administrator, as well as the documentation of the distribution of grant funding to the Sub-Grantees following State reimbursement. Using this documentation, Program Manager shall conduct an accounting of funds expended to complete the program including the tracking cost share obligation of the overall SARCCUP Program under Sub-Grantee agreements with SAWPA. Program Manager will compile a copy of all invoices from the SAWPA member agencies on a monthly basis and prepare a list of all invoices based on submittal of all SAWPA member agencies implementing the project elements. Information to be included for each invoice will be the date of submittal, the amount, the date a reimbursement check was received, and the amount of the check. A summary of payments made by all the SAWPA member agencies for local SARCCUP implementation projects will be compiled by the Program Manager and submitted to meet the cost share obligations of the Grant Agreement.

Program Manager will prepare a summary of final funds disbursed including labor cost of personnel of the agency and the consultant, including hours, rates, types of professionals and reasons for consultant (design, CEQA, etc.); project cost information, shown by material, labor costs, and any change orders; details of any other costs incurred' and a statement verifying separate accounting of funding disbursements.

Invoices shall be completed in the following format requirements:

- Invoices shall contain the date of the invoice, the time period covered by the invoice, and the total amount due.
- Invoices shall be itemized. The amount claimed for salaries/wages/consultant fees must include a calculation formula (i.e. hours or days worked times the hourly or daily rate = the total amount claimed).

- Sufficient evidence (i.e. receipts, copies of checks, timesheets) must be provided for all costs included in the invoice.
- Each invoice shall clearly delineate those costs claimed for reimbursement from the State's grant amount and those costs that represent the project's share as applicable.
- Invoices also shall include the following information:
 - Costs incurred for work performed in implementing the project contracts during the period identified in the particular invoice.
 - Costs incurred for any interests in real propels (land or easements) that have been necessarily acquired for a project during the period identified in the particular invoice for the construction, operation, or maintenance of a project.
 - Appropriate receipts and reports for all costs incurred.

TASK 13 - PROJECT REVIEW AND EVALUATION; FINAL REPORTS AND AUDIT

Program Manager, working with the Sub-Grantees, shall obtain copies of all final project completion reports submitted to the SAWPA grant administrators to ensure that the overall Program is in compliance with the respective Sub-Grantee agreements with SAWPA for construction and implementation of project components and to ensure full completion of the program.

Program Manager shall be available to engage with SAWPA Audit if called, and will support SAWPA Grant Administrators if the California Departments of Finance or Water Resources conduct an audit of the program, which may occur during or following program completion.

In addition to the documents and deliverables required to be provided by the IRWM Grant Agreement, within 90 days after completion of Program but no later than 14 days prior to the due date indicated in the IRWM Grant Agreement, the Program Manager will support the Sub- Grantees providing to SAWPA grant administrators a final Project summary report on the Program. The summary shall include, at a minimum, all of the following:

- A description of the completed projects including purpose, goals, activities completed and participants, the general performance characteristics (e.g. the delivery rate and quantity of water pumped) of the constructed facilities, a description of the water quality benefits attained from the construction of the project (consistent with the Project Management Plan), any goals not achieved or only partially achieved, lessons learned, public outreach conducted, a summary of the construction program, a summary of all documents submitted to SAWPA in compliance with the IRWM Grant Agreement, and copies of any final documents or reports generated or utilized during a project. The summary shall also contain a description of startup activities, problems encountered, corrective measures completed as well as any changes or amendments to the project.
- A final cost summary listing the total project costs, total project costs eligible for grant funding under the IRWM grant agreement, total amount of grant funds received, and other financial information as may be reasonably required by the DWR to verify entitlement to grant funds, to assure program integrity, and to comply with federal requirements. The report shall be

accompanied by such other financial information as may be required by SAWPA or DWR to verify the SAWPA entitlement to grant funds, to assure program integrity, and to comply with any federal or state requirements. Program Manager in coordination with SAWPA member agencies shall certify the report as correct.

- A final schedule showing actual progress versus planned progress.
- If applicable, certification of final project by a registered civil engineer, consistent with Standard Condition D-15, "Final Inspection and Certification of Registered Civil Engineer".
- A DWR "Certification of Project Completion".

PROJECT COMPLETION REPORT

Program Manager will support Sub-Grantees with the compilation and submission of a Project completion report using the following format.

Executive Summary

Provide a brief summary of project information and include the following items:

- Brief description of work proposed to be done in the IRWM Grant application.
- Description of actual work completed and any deviations from Exhibit A. List any official amendments to this Sub-Grantee Agreement, with a short description of the amendment.
- Reports and/or Products
- Final Evaluation report
- Electronic copies of any data collected, not previously submitted
- As-built drawings
- Final geodetic survey information
- Self-Certification that each Project meets the stated goal of the IRWM Grant Agreement (e.g. 100-year level of flood protection, HMP standard, PI-84-99, etc.)
- Project photos
- Discussion of problems that occurred during the work and how' those problems were resolved
- A final project schedule showing actual progress versus planned progress
- Costs and Dispositions of Funds

A list showing the following:

- The date each invoice was submitted to SAWPA
- The amount of the invoice
- The date the check was received from SAWPA

- The amount of the check (If a check has not been received for the final invoice, then state this in this section.)
- A summary of the payments made by the Grantee for meeting its cost sharing obligations under this Sub-Grantee Agreement.

A summary of final funds disbursement including:

- Labor cost of personnel of agency/ major consultant /sub-consultants. Indicate personnel, hours, rates, type of profession and reason for consultant, i.e., design, CEQA work, etc.
- Project cost information, shown by material, equipment, labor costs, and any change orders
- Any other incurred cost detail
- A statement verifying separate accounting of funding disbursements
- Summary of project cost including the following items:
- Accounting of the cost of project expenditure;
- Include all internal and external costs not previously disclosed; and
- A discussion of factors that positively or negatively affected the project cost and an3 deviation from the original project cost estimate.
- Additional Information
- Benefits derived from the project, with quantification of such benefits provided, if applicable.
- A final project schedule showing actual progress verse planned progress.
- Certification from a California Registered Professional (Civil Engineer or Geologist, as appropriate) that the project was conducted in accordance with the approved work plan and any approved modifications thereto.
- Submittal schedule for the Post Performance Report and an outline of the proposed reporting format.

Exhibit B

Task	Budget
Task 1: Program Status Reports	\$27,320
Task 2: Labor Compliance	\$0
Task 3: CEQA Compliance	\$0
Task 4: Prepare Project Monitoring Plan	\$0
Task 5: Coordinate Procurement of Appropriate Permits	\$0
Task 6: Schedule Information	\$0
Task 7: Construction Activities and Notification	\$0
Task 8: Acknowledgement of Credit/Signage Requirements	\$0
Task 9: Post Performance Monitoring Plan	\$0
Task 10: Report Submittals	\$26,840
Task 11: Quarterly Progress Report	\$8,700
Task 12: Project Invoice Oversight	\$19,130
Task 13: Project Review and Evaluation; Final Reports and Audit	\$40,545
TOTAL	\$122,535