SARCCUP Interagency Operating Committee Agreement Approval

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Ian Achimore, Senior Watershed Manager PA 23 Committee | April 4, 2023 Item No. 4.A



Recommendation

The PA23 Committee approves the Interagency Operating Committee Agreement.



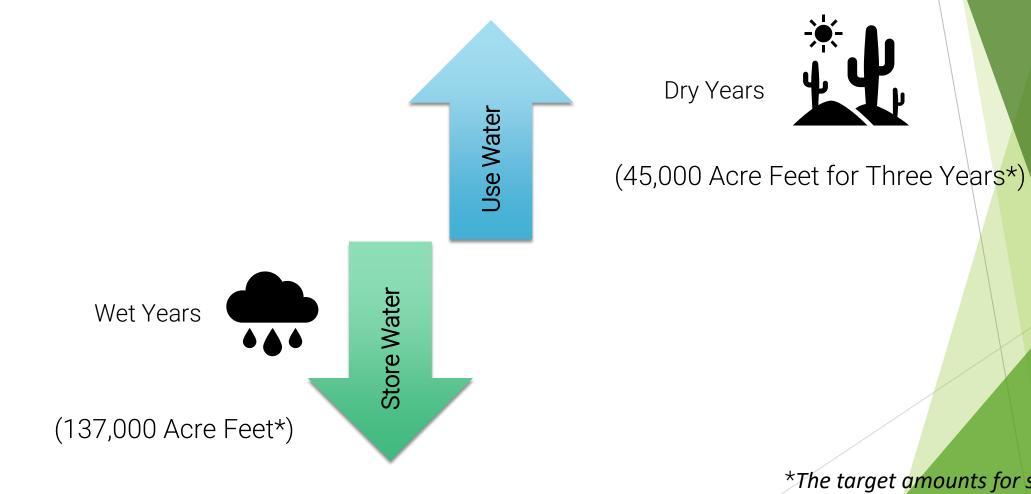
Santa Ana River Conservation & Conjunctive Use Program

Background on Project Agreement 23

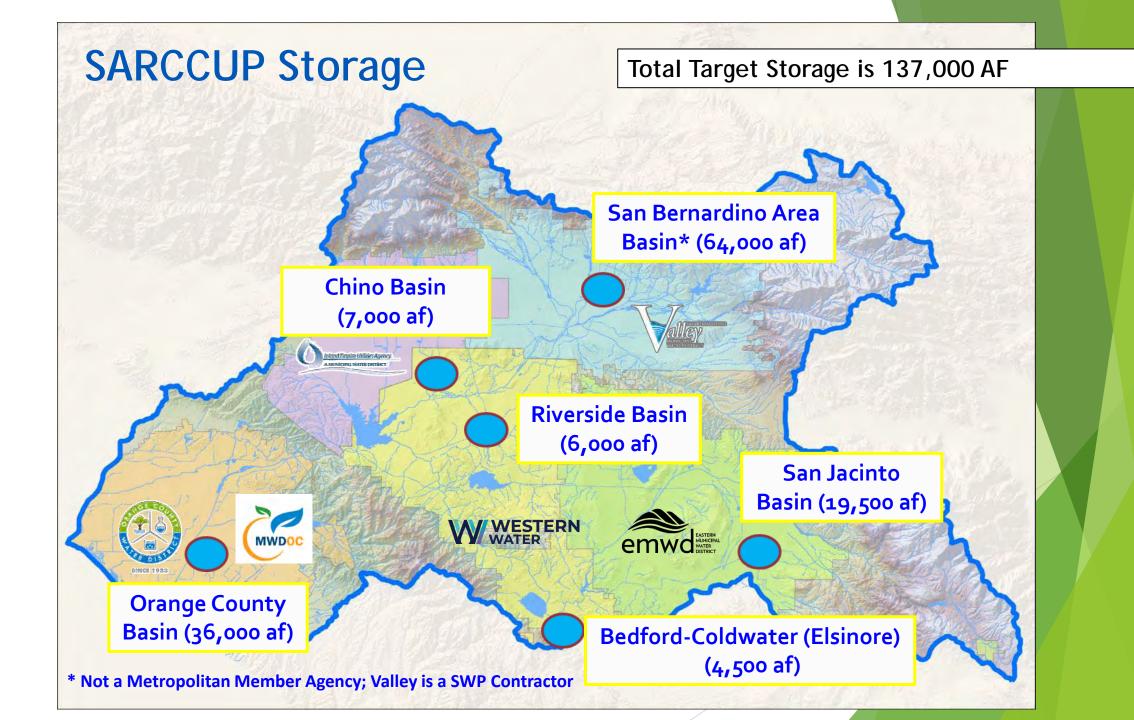


- Adopted in June 2016 by the five member agencies and SAWPA.
- It created the PA 23 Committee to "implement and administer the grant program excluding the water use efficiency elements, which are to be administered through PA 22 Committee,"
- All budget and operating decisions of the PA 23 Committee will be made by unanimous consent of the PA 23 Committee Members.
- The agreement also states that the "PA 23 Committee will approve one or more operating agreements that specify how infrastructure funded through this Project Agreement (Including with Proposition 84 grant funds) will be operated to ensure the anticipated regional benefits."

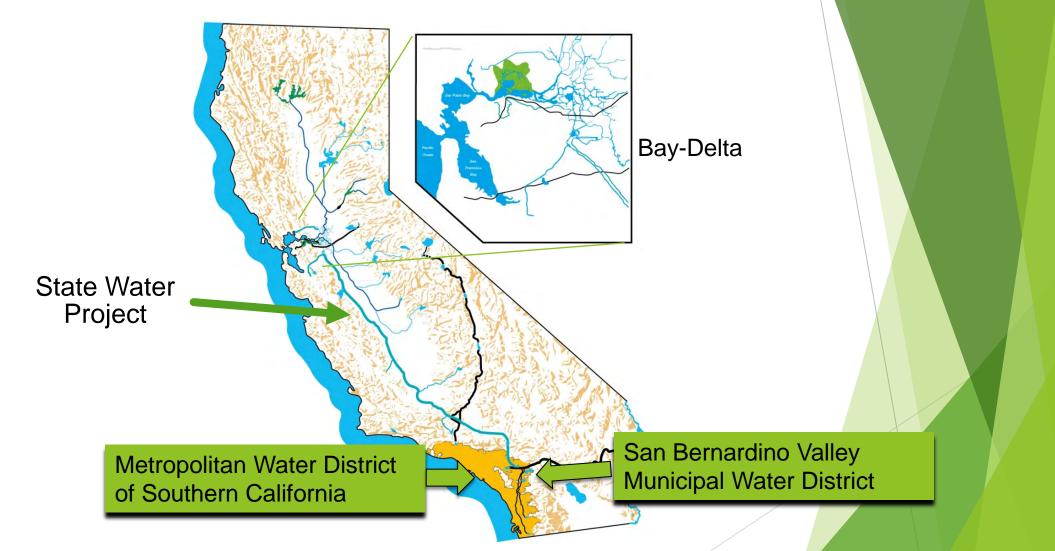
SARCCUP Conjunctive Use Overview



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



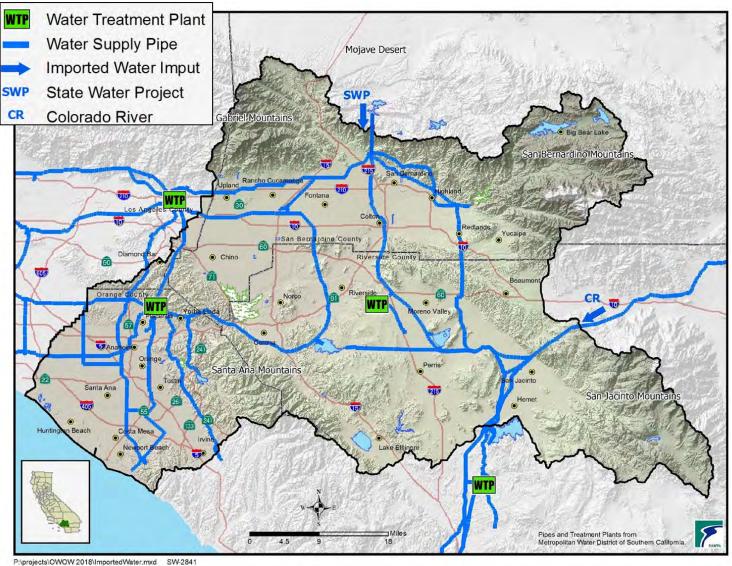
Sources* of SARCCUP Wet Year Water



*Additional imported sources may come from other entities (i.e. rice farmers in Central Valley) but will largely involve the State Water Project facilities.

Existing Network of Major Pipelines in the Watershed

Operations of SARCCUP relies on these existing facilities for transfer of water between basins.



New Facilities to Be Used for Operations By Type and Location

- Recharge Basin:
 - EMWD (San Jacinto Basin)
- Groundwater Wells:
 - EMWD (San Jacinto Basin)
 - WMWD (Riverside-Arlington and Elsinore basins)
 - OCWD Retailers (OC Basin)
- Pump Station:
 - WMWD (Riverside-Arlington Basin area)
- Pipelines Associated with Other SARCCUP Facilities:
 - EMWD (San Jacinto Basin)
 - WMWD (Riverside-Arlington and Elsinore)

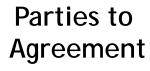
Note: Some facilities have water quality treatment capabilities.

SARCCUP Program Agreements

Valley / MWD Agreement	Surplus water purchases by MWD from Valley	Executed June 2021
MWD/ SARCCUP	MWD offers at least 50% of surplus water purchases to	Executed
MWD Member	SARCCUP MWD Member Agencies	November
Agencies	(EMWD, IEUA, MWDOC (& OCWD), WMWD)	2021
Agreement SARCCUP Agencies/ MWDOC Agreement	Prescribes the priority and process for the agencies accessing SARCCUP water and places conditions on how, when, and where MWDOC may use SARCCUP water (EMWD, IEUA, MWDOC, OCWD, WMWD)	Executed December 2021
Interagency	Details roles and responsibilities for decision making	Expected
Operating	surrounding available surplus water for purchase and	Execution
Committee	storage through the SARCCUP program in the water banking	April/May
Agreement	facilities (EMWD, OCWD, Valley, WMWD)	2023

Operation Agreement Details

- Overall purpose:
 - Analyze transactions proposed by SARCCUP Basin Agencies resulting in water purchases, delivery, and storage locations
 - Make operating decisions for movement of SARCCUP purchased water
 - Oversee the financial transactions and ensure proper reporting is conducted
- Details procedures for the following:
 - Water purchases and deliveries to storage
 - Determining points of delivery and timing
 - Extractions of water from storage
- Other details included in agreement:
 - Other agencies may participate as non-voting parties or observers
 - Establishes dates for Operating Committee decisions









Operation Agreement – Accounting and Reporting Terms

- Process for projecting costs by each party for delivery, recharge, and extraction of water
- Transactions to be tracked through software tool
- Reporting, invoicing, and payment procedures
- Accounting Entity" role to lead annual report preparation, meeting material development, and facilitate meetings
 - Entity can be one of the parties or consultant





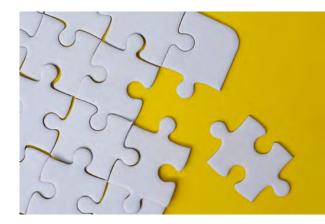


Process for Development of Agreement

- EMWD prepared a draft Term Sheet for internal review
- EMWD shared a draft Term Sheet with SARCCUP Basin Agencies
 - Discussed and reviewed at several meetings
 - EMWD incorporated input as received
 - Parties approved Draft Term Sheet



- Final Agreement completed in March 2023 after review by all four Basin Agencies' legal counsels
- SARCCUP Basin Agencies' Boards adopt in April 2023
- Final agreement signed and executed



Recommendation

The PA23 Committee approve the Interagency Operating Committee Agreement.





SARCCUP Grant Payment Updates

Ian Achimore, Senior Watershed Manager

PA 23 Committee | April 4, 2023 Item No. 5.A



Background on Grant Agreement

- Department of Water Resources adopted grant agreement amendment No. 2 with SAWPA on May 29, 2020.
 - PA 23 Committee adopted grant amounts (as shown on next slides) at the April and October 2019 Committee meetings, which were incorporated into that amendment with DWR.
- Dollar amounts shown in this presentation reflect invoices submitted through December 31, 2022 (i.e. the latest invoices received at time of publishing this agenda packet).

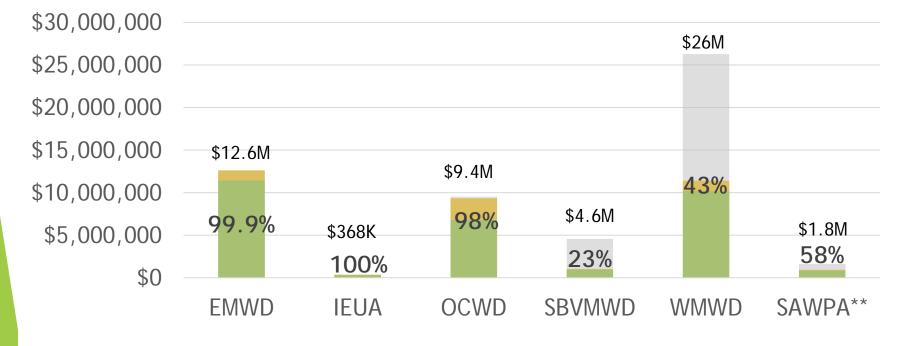
Invoicing Status as of December 2022

DWR Invoices Submitted	Time Period Covered by Invoices	Schedule % Completed*	Grant % Invoiced**
24	Jan 2017 through Dec 2022	86% as of Dec 2022	65% (\$30.6M) as of Dec 2022

*SARCCUP schedule lasts from January 2017 to June 2025.

**Total SARCCUP grant for all five SAWPA member agencies is \$55M.

Grant Payment Status By SARCCUP Agency (Percent of Total Grant Shown)



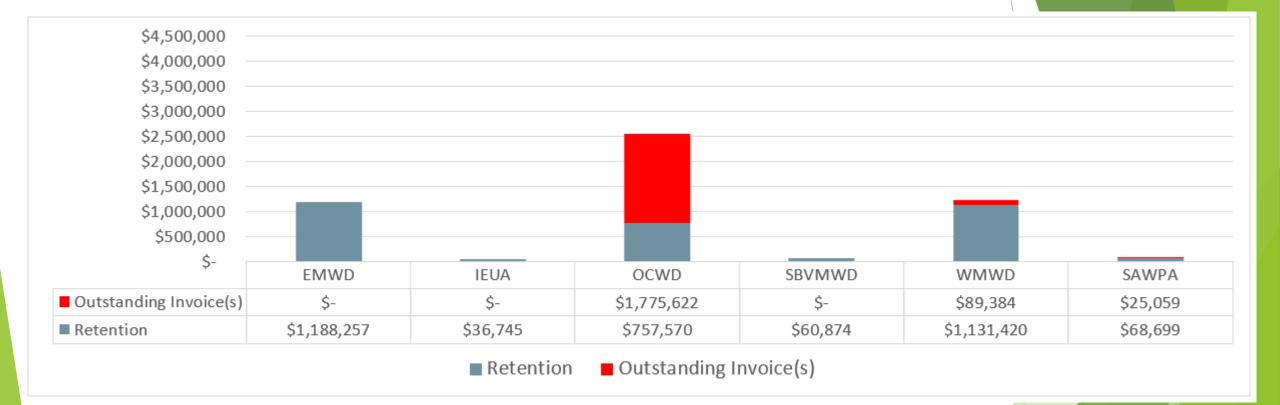
Notes:

*Payment outstanding due to 10% retention withheld on each grant amount included in invoice, or lag in payment from last quarter's invoice.

**Includes funding for Woodard & Curran and Water Use Efficiency Tasks.

	EMWD	IEUA	OCWD	SBVMWD	WMWD	SAWPA**
Grant Paid	\$11,426,818	\$330,706	\$6,818,132	\$975,078	\$10,190,491	\$850,364
Total Outstanding Grant Payments*	\$1,188,257	\$36,745	\$2,533,192	\$60,874	\$1,220,804	\$93,757
Total Grant (Amendment No. 2)	\$12,621,835	\$367,968	\$9,529,817	\$4,565,932	\$26,283,723	\$1,630,726

More Detail on Outstanding Grant Payments (Through December 2022)



Notes:

- Retention will be withheld by DWR until complete invoicing of overall SARCCUP Project.
- Last paid invoice from DWR was for reimbursing expenses incurred by SARCCUP agencies through June 30, 2022.

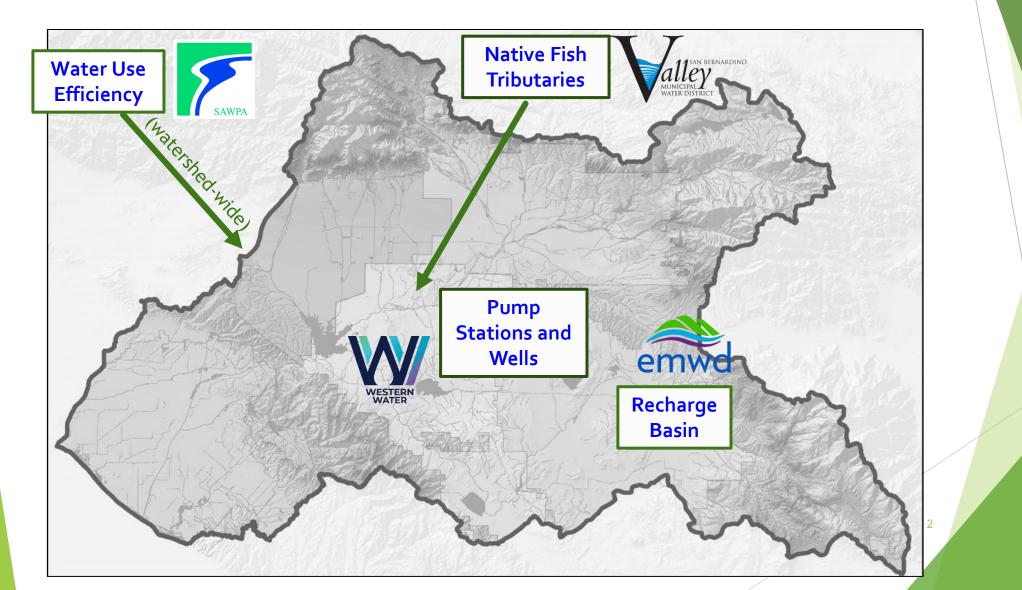


SARCCUP Project Updates

SAWPA Member Agencies & SAWPA PA 23 Committee | April 4, 2023 Item No. 5.B



SARCCUP Project Update Locations





San Jacinto Groundwater Basin Facilities

Wells 201, 202, and 203 Program Overview





Well 203 Building, March 2023

Upcoming Construction Activities

- Well 201
 - Electrical and control installations ongoing
 - Installation of blow off pond equipment
- Well 202
 - Electrical and control installations ongoing
 - Install sliding vehicular gates
- Well 203
 - Building finishes and painting
 - Installation of concrete pads for various equipment
- Estimated construction completion in late 2023



Well 201 Piping, January 2023



Well 201 Generator, January 2023



Well 202 Site, January 2023

Hewitt and Evans GWTF, Phase 1 - Project Schedule

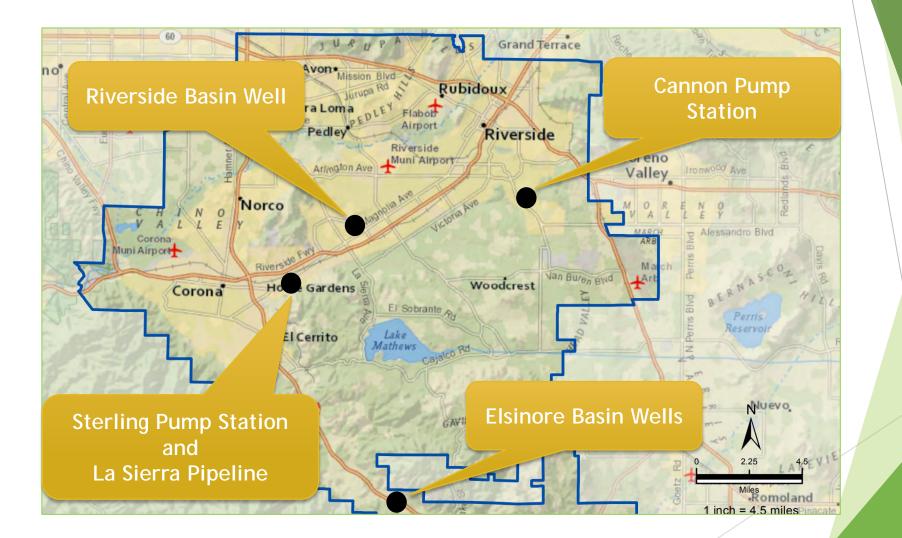
- Target Construction Advertisement Nov 2023
- Bid Opening Jan 2024
- Recommendation for Award of Contract
 - February 2024 O&E Committee
 - March 2024 Board
- Approximately two-year Construction Phase
 - Complete in Spring 2026





Sterling Pump Station, Riverside-Arlington Basin Facilities, And Elsinore Basin Wells

SARCCUP WMWD Facilities





Sterling Pump Station and La Sierra Pipeline

- Completed in 2022
- ~\$40 million
- Benefits:
 - Connection between Chino Desalter II to Arlington Desalter System to Mills Gravity Line
 - Allows movement of extracted SARCCUP supplies to move to JCSD, Norco, Corona, Western retail, Temescal Valley, and Elsinore Valley





Interconnections

- Design complete and construction procurement underway
- Construction Kickoff July 2023
- Connection between Riverside Public Utilities and Western
- Allows movement of extracted SARCCUP supplies from San Bernardino Basin Area, Riverside, and Riverside-Arlington groundwater basins

Riverside Basin Well

- Drilling rig enroute and installation underway
- Drilling commences April 2023
- New extraction well
- Allows movement of extracted SARCCUP supplies from San Bernardino Basin Area, Riverside, and Riverside-Arlington groundwater basins

Elsinore Basin Well

- New extraction wells with PFAS treatment
- Allows movement of extracted SARCCUP supplies from Elsinore groundwater basins





Sound Barrier







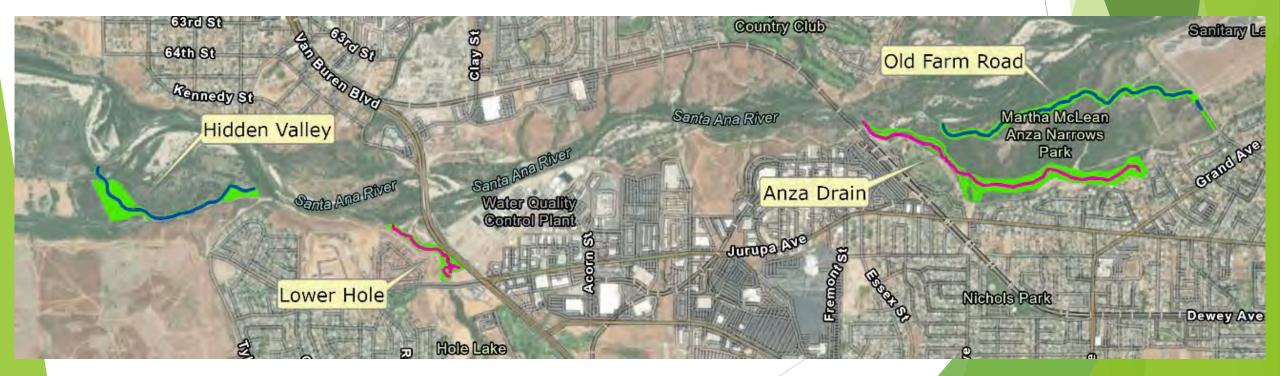
Santa Ana Sucker Habitat



Benefits:

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





Recent Accomplishments:

- Funded County Rangers and Operator
 - "Drill and kill" training provided Spring 2023
 - Nonnative plant management and encampment cleanup
 - Anticipated start: Spring/Summer 2023

Permitting/Permissions Pending:

- Encroachment Permit Riverside County Flood Control District
- Right of Entry (ROE) California Department of Fish & Wildlife
- ROE County of Riverside
- ROE City of Riverside
- Grading permits
 - Earthwork anticipated in Fall 2023 (after bird nesting season)



Water Use Efficiency Budget Assistance Task



Purpose of Task

High-level Scope of work from grant agreement:

SAWPA will work with up to ten retail water agencies in the watershed to create efficiency-based water budgets.

Efficiency budgets will provide **1,200 acre-feet** over a three-year period (i.e. 400 AFY).

How task is implemented:

SAWPA and consultant, NV5, are working with eight upper watershed retail water agencies.

Municipal Water District of Orange County is working with 7+ retail water agencies in northern OC.

Dedicated Landscape Meter Customer Example



Meter service area (MSA)

Questions



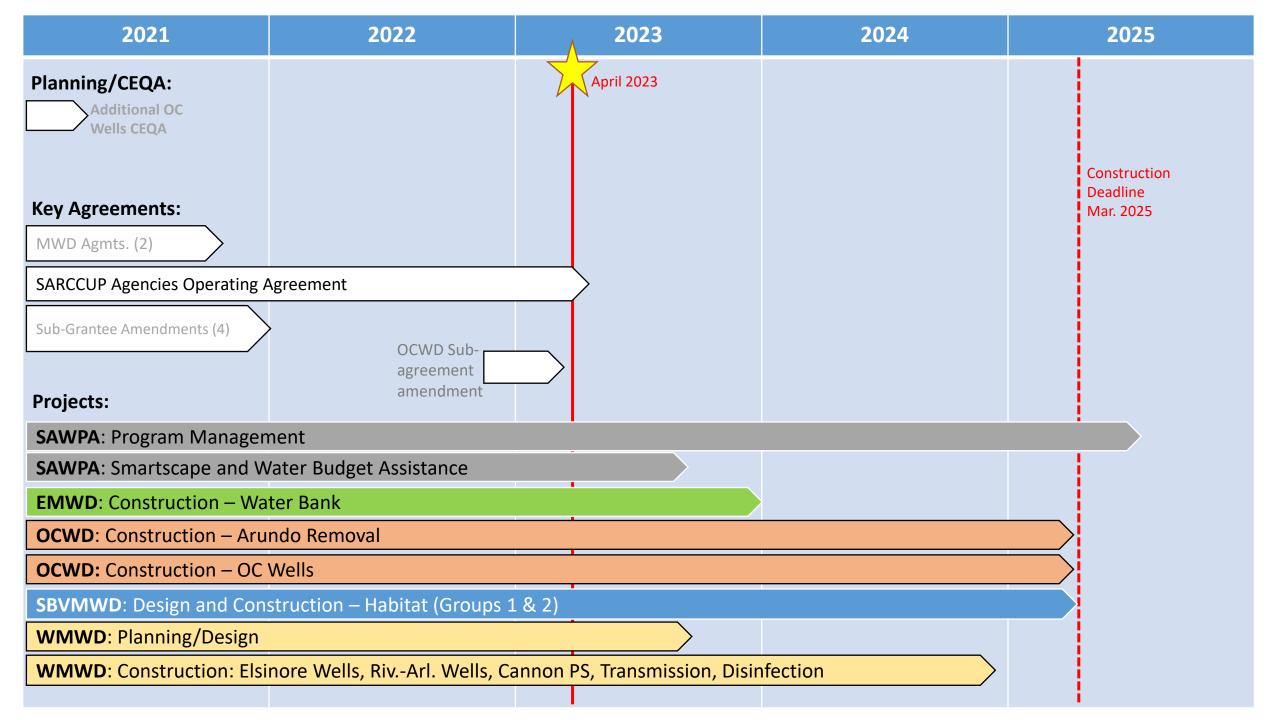
SARCCUP Schedule Status Information

Ian Achimore, Senior Watershed Manager

PA 23 Committee | April 4, 2023

Item No. 5.C.





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2021-2025 Agency Slides





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Grant Contract				
Program Management				
Quarterly Reporting				
Key Agreements and Grant Del Sub-Agreement Amendments (4) SAWPA Water Use Efficie Implementation				nstruction Deadline arch 2025
Water Budget Assistance				
SAWPA				

2021	2022	2023	2024	2025
Grant Contract				
EMWD Conjunctive Use	Project			
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Well Equipping,	Discharge Pipelines, Three Wells		>	
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WMWD Conjunctive Us	e Project			
Land Purchase				
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