



**SARCCUP**



# SARCCUP Amendment Request and Project Updates

SAWPA Member Agencies & SAWPA

PA 23 Committee | June 7, 2022

Item No. 4.A.



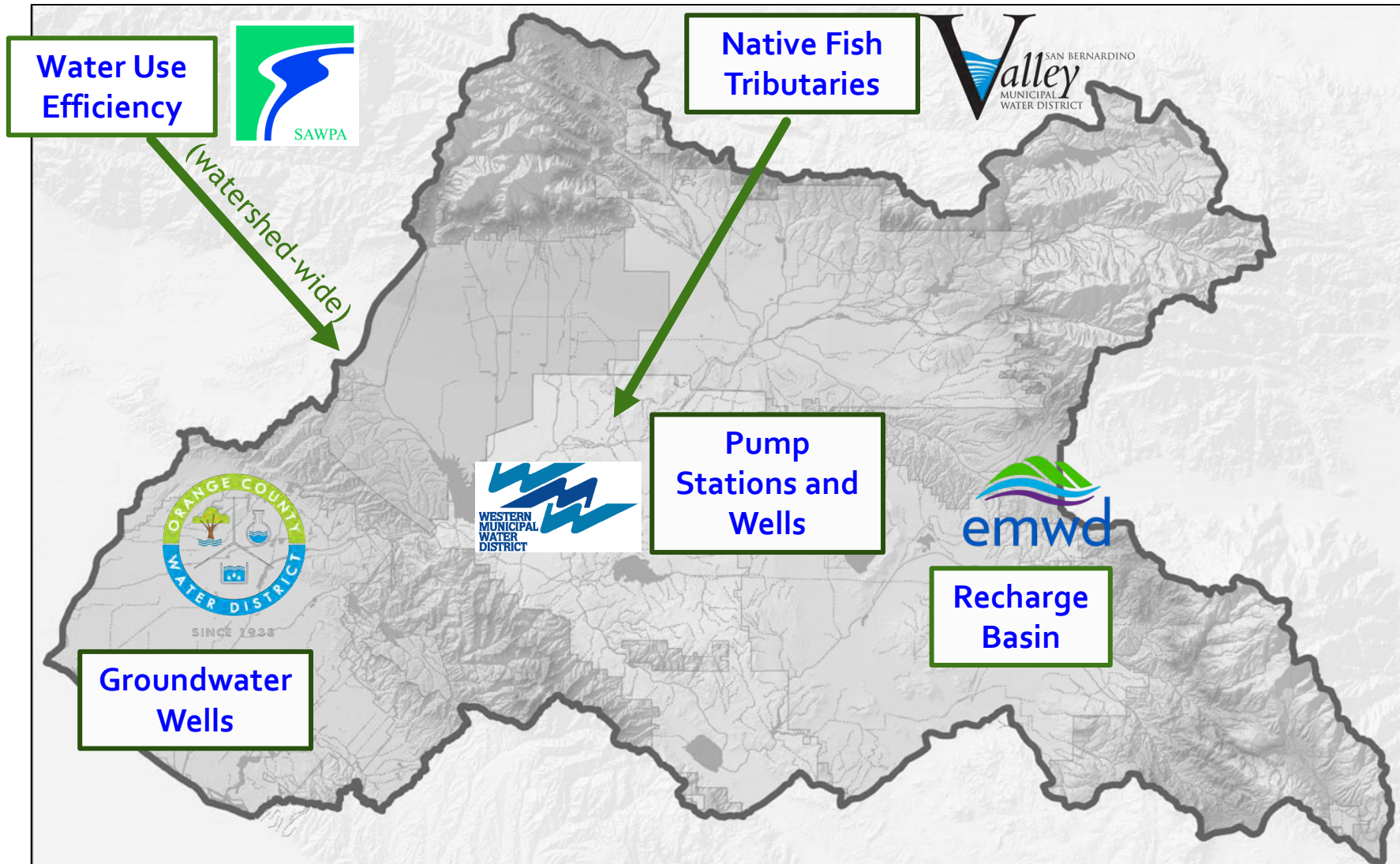
**SARCCUP**



# Recommendation

Authorize SAWPA's General Manager to enter a SARCCUP Grant Agreement amendment that provides a schedule extension of up to July 31, 2025.

# SARCCUP Project Update Locations



# EMWD Updates



San Jacinto Groundwater Basin Facilities

# Wells 201, 202, 203, and 205 Program Overview



# Wells 201, 202, 203, & 205 Equipping



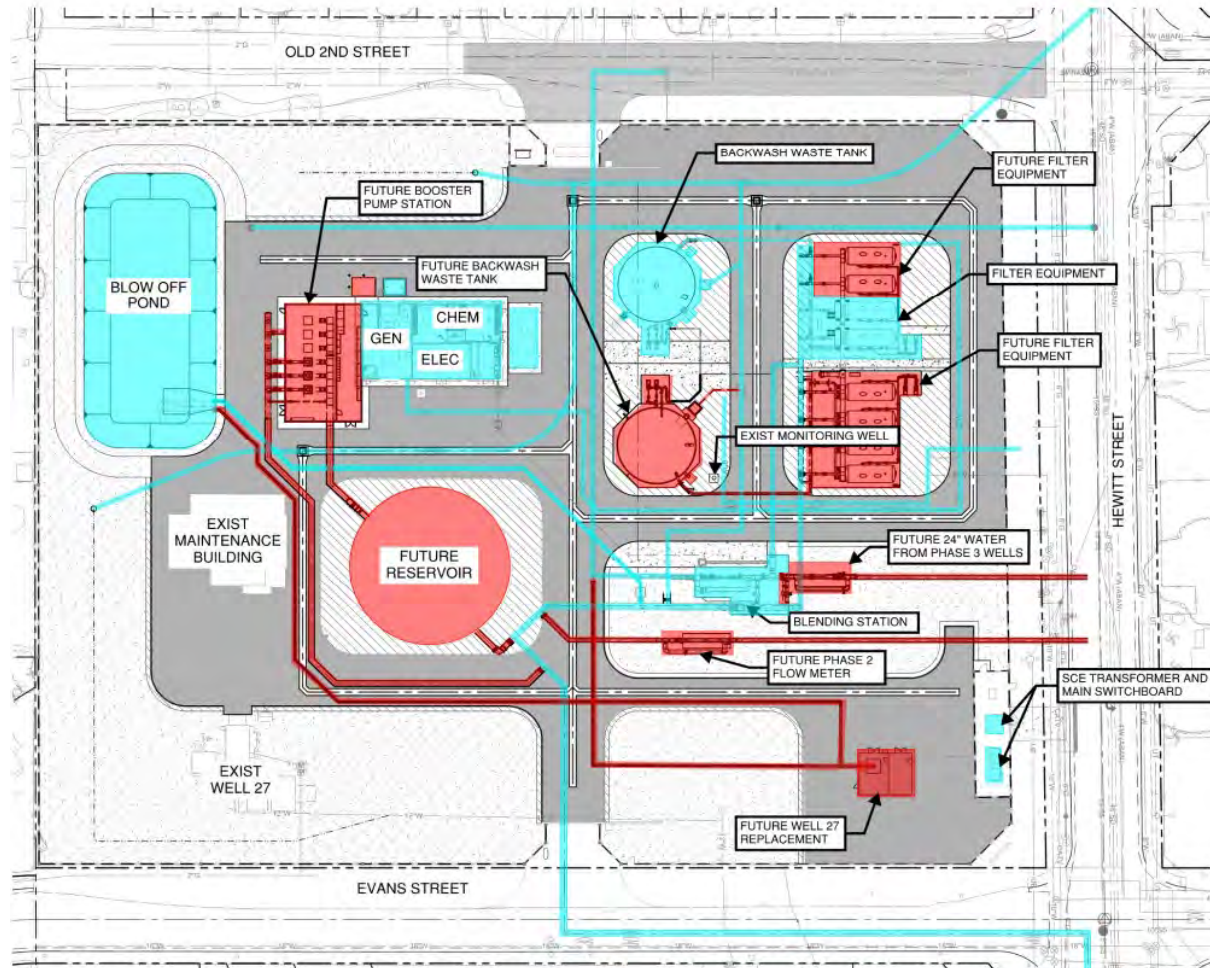
- Awarded Construction Contract to JF Shea in July 2021 for ~\$19.5M
- Phasing: Wells 201/202  
-> 203 -> 205
- Wells 201/202
  - Block wall and generator housekeeping pad foundations in progress
- Well 203
  - Well foundation preparation
- Well 205
  - Well foundation preparation
- Estimated construction completion in early 2024

# Wells 201, 202, 203, & 205 Equipping



Well 202 perimeter wall footing.  
4-27-22

# Hewitt and Evans Groundwater Treatment Facility



- ▶ Contract Documents being prepared for advertisement
- ▶ Estimated Advertisement in June 2022
- ▶ Recommendation for Award of Contract to O&E Committee scheduled for August 2022
- ▶ Approximately two-year Construction Phase

Phase 1  
(Current)

Phase 2 (Future)



SAWPA Updates

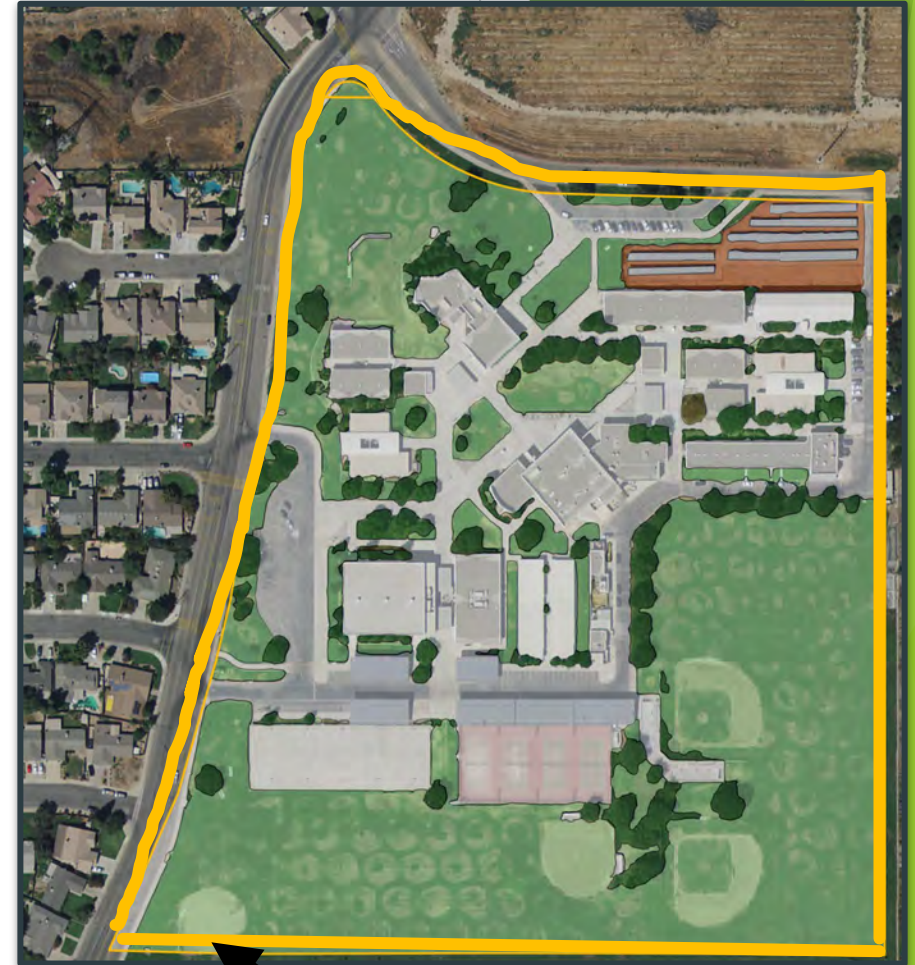


Water Use Efficiency Budget Assistance Task

# Purpose of Task

- ▶ Help up to 10 retail agency partners comply with State regulations\* that require water agencies to adhere to agency-wide water use efficiency budgets;
  - ▶ Side benefit: Provides retail agencies with mapping data to target their existing water use efficiency programs to inefficient water users.
- ▶ OCWD/MWDOC the lead for retail partners in North Orange County.

## Dedicated Landscape Meter Customer Example



Meter service area

\* Senate Bill 606 and Assembly Bill 1668

# Latest Progress with Retail Partners in Upper Watershed

Agency Who Has Signed MOU	MOU Signature Date	Status Updates
Chino Hills	Nov 2, 2021	City staff is currently reviewing 91 meter service areas developed by the project consultant.
Hemet	Aug 19, 2021	City staff analyzing which of their customers have dedicated landscape meters.
Jurupa Community SD	Soon	District staff have given verbal approval they will sign project MOU.
Loma Linda	March 2, 2022	City and consultant able to verify they have approximately 137 meter service areas.
Monte Vista WD	June 29, 2021	Project consultant is digitizing their meter service areas.
Perris	Aug 9, 2021	City staff is analyzing their data to confirm which customers are dedicated landscape meters (they estimate 55).
Riverside Public Utilities	June 29, 2021	City staff currently reviewing 167 meter service areas created by project consultant.
San Bernardino Municipal Water Dept.	Nov 10, 2021	Project consultant is grouping the meters into customer groups (preliminary total is 184 meter service areas).

# Update with OC Partners



- ▶ Seal Beach - City, MWD OC and consultant have scheduled their project kick-off meeting,
- ▶ Newport Beach - City submitted data to consultant for analysis,
- ▶ Fullerton - City submitted data to consultant,
- ▶ Orange - City has submitted data to consultant,
- ▶ Fountain Valley - consultant has begun analysis of the City's data, and
- ▶ Brea - premise/MSAs been submitted to City for review.

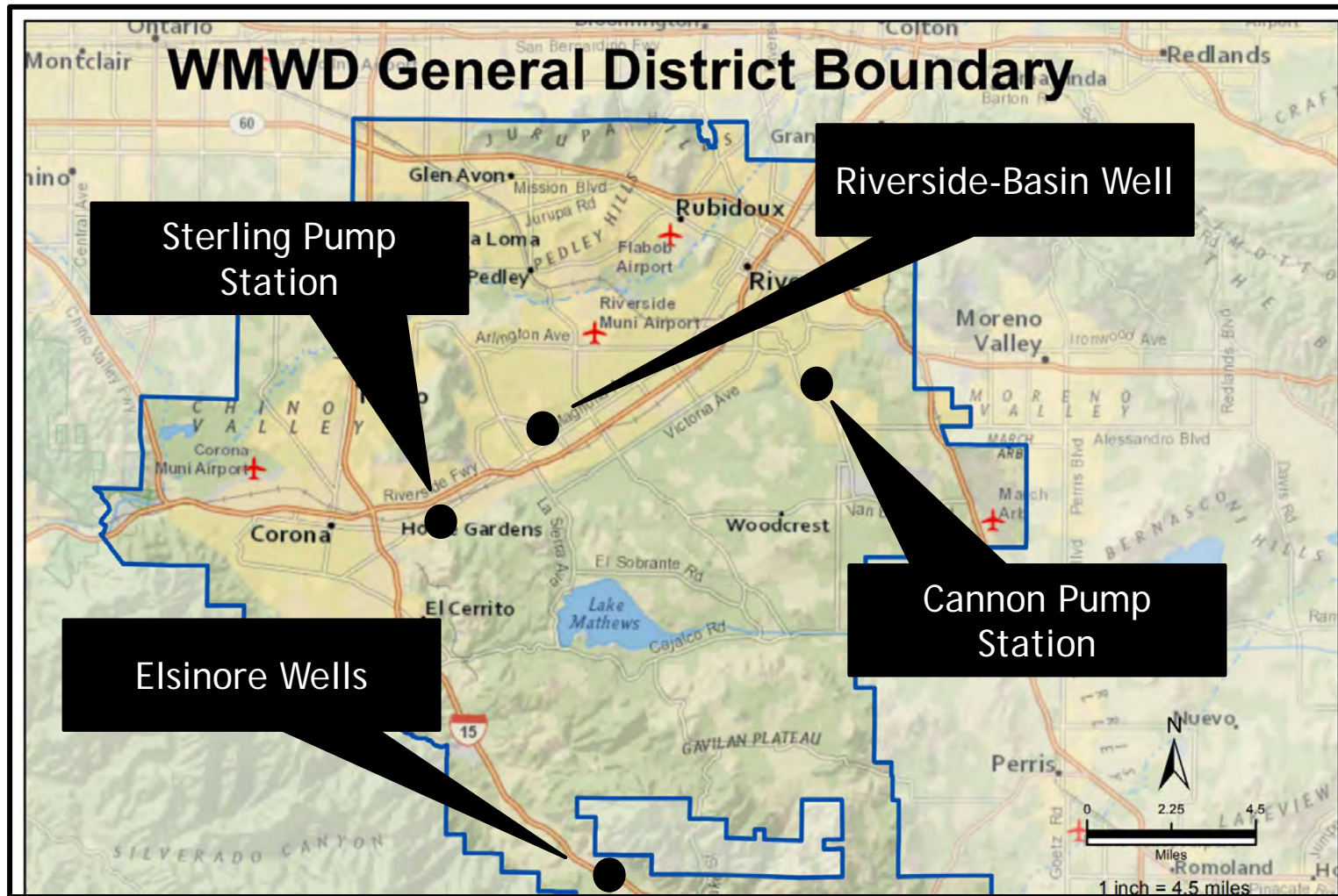


WMWD Updates



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

# SARCCUP WMWD Facilities Included in Grant Agreement

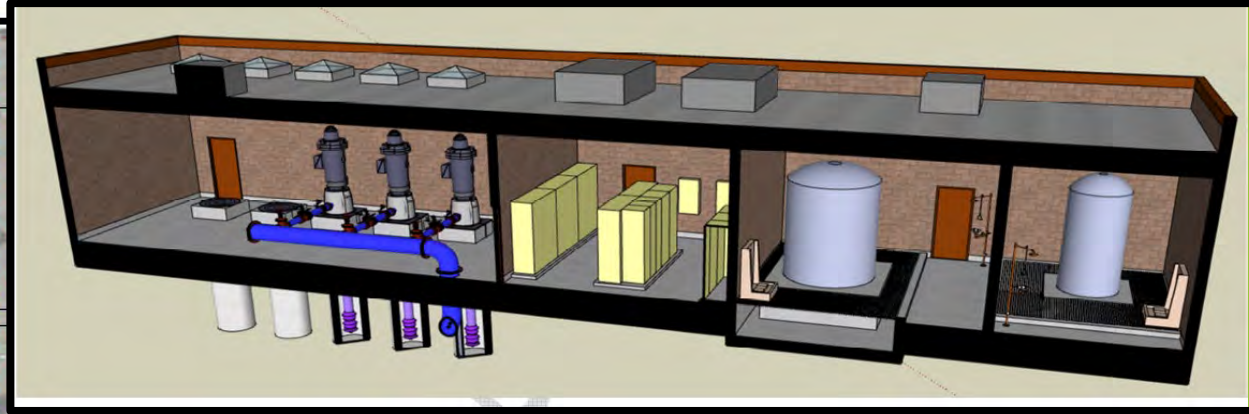
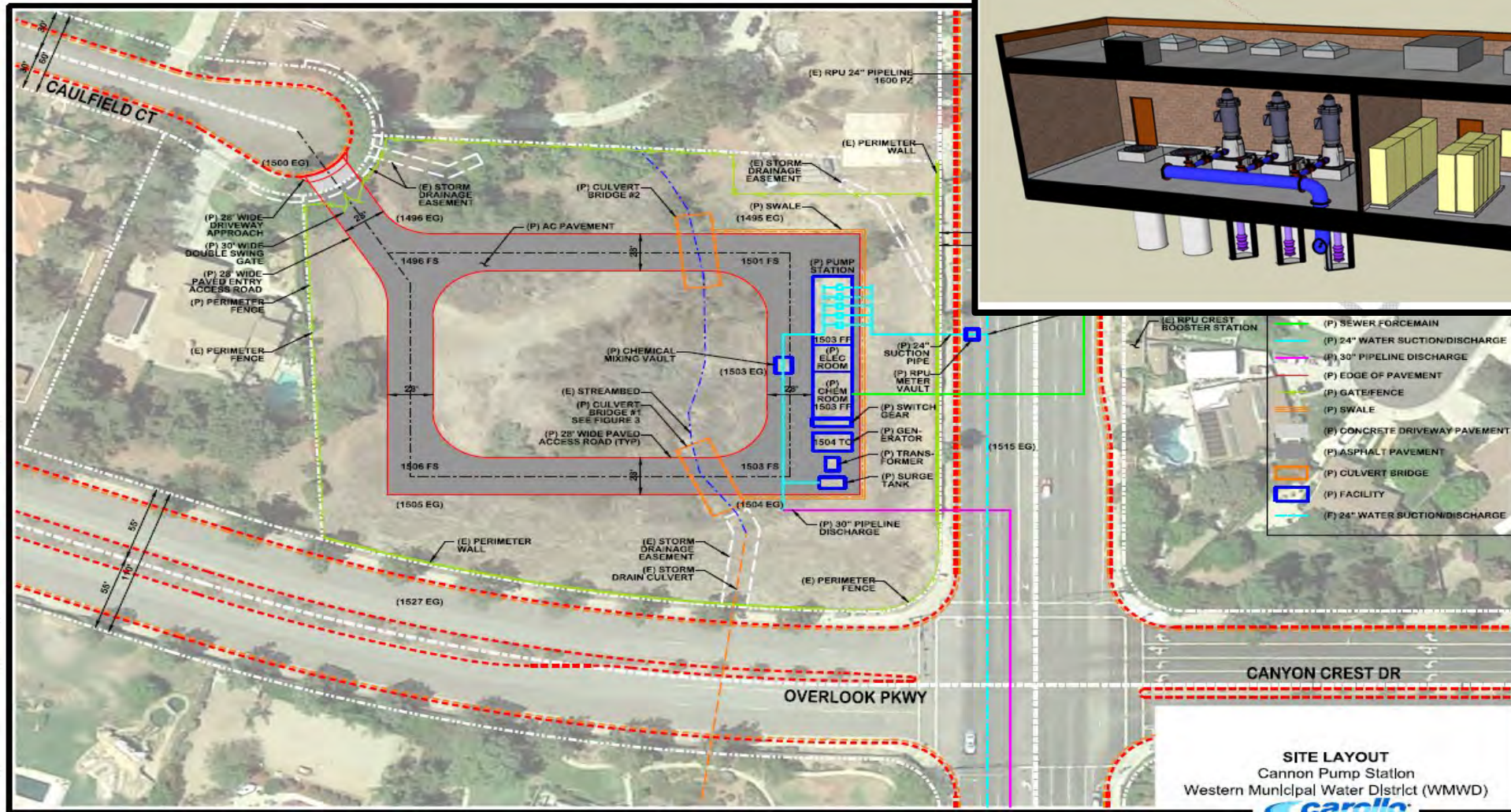


# Sterling Pump Station



Final startup testing

# Cannon Campbell Pump Station



Final design complete October



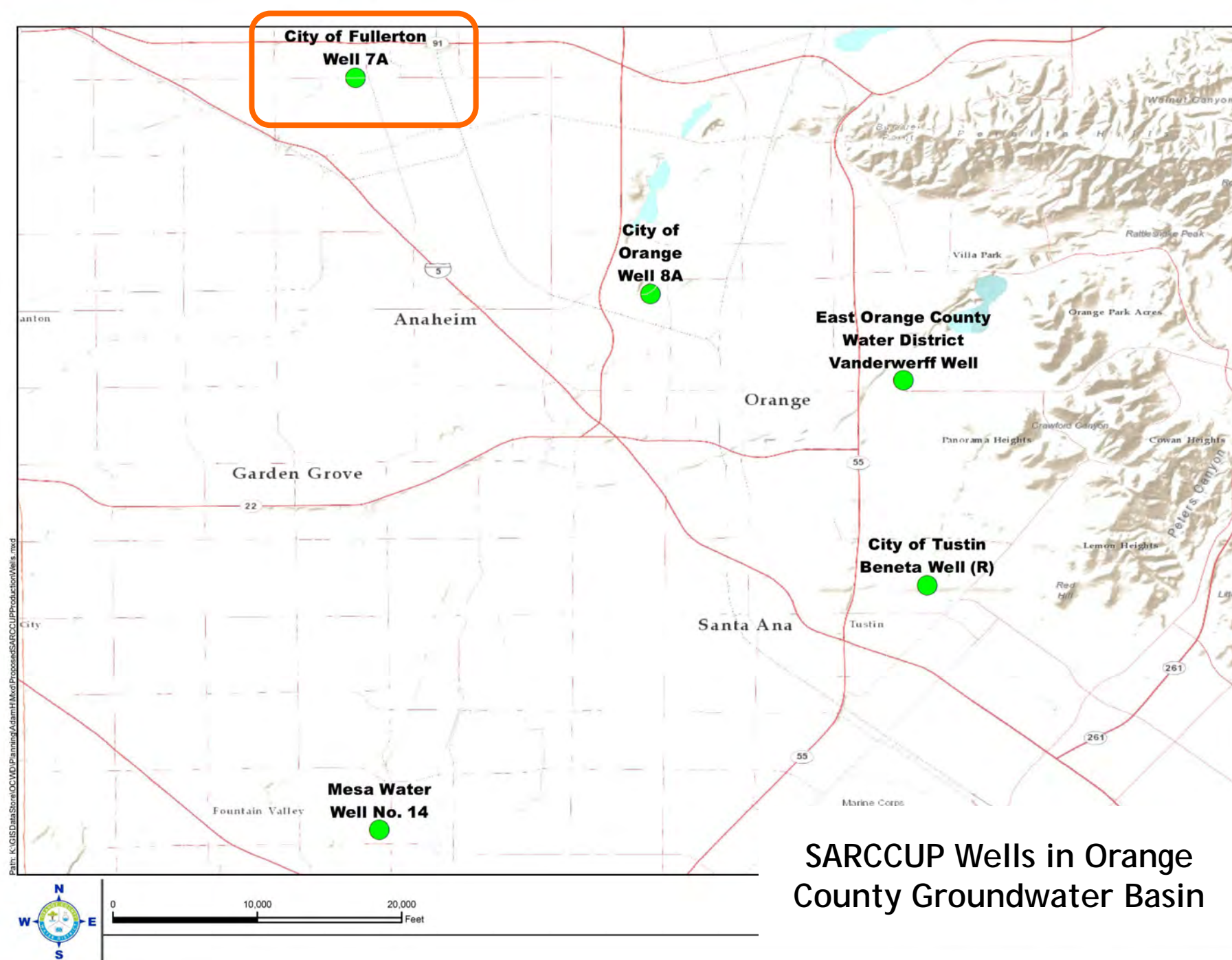
# OCWD Updates



Orange County Groundwater Wells

Five new production wells are being constructed for SARCCUP.

Agreements with all five pumpers have been executed.

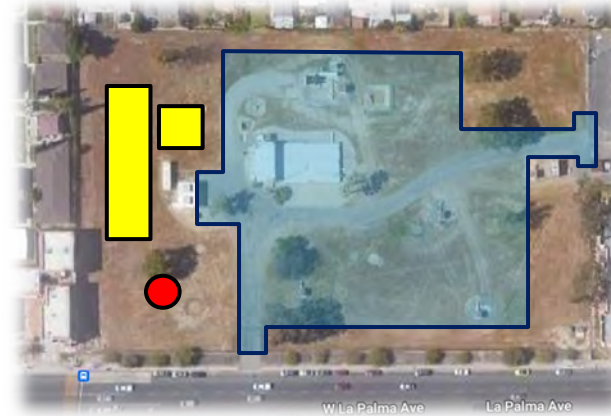


SARCCUP Wells in Orange County Groundwater Basin

# City of Fullerton - Well 7A

## Project Description

- ▶ Located at wellfield site owned by City of Fullerton but located in the City of Anaheim
- ▶ Well drilling completed in Dec 2021
- ▶ Well 7A
  - ▶ 3,500 gpm pump equipped with variable frequency drive
  - ▶ Noise abatement enclosure
  - ▶ Electrical equipment
- ▶ Solar panel installation scheduled for Winter 2022



# SBVMWD Updates

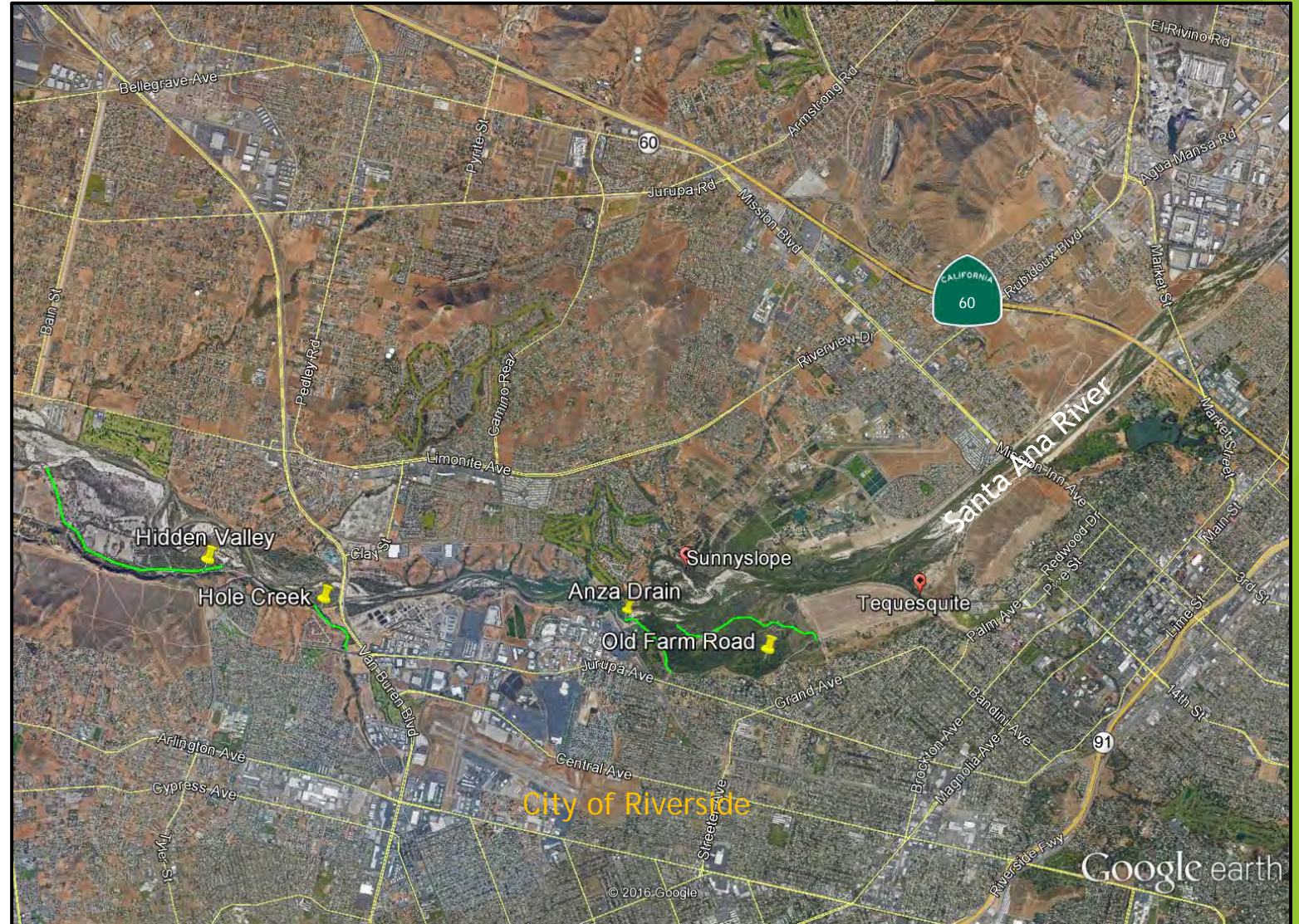


Santa Ana Sucker Habitat

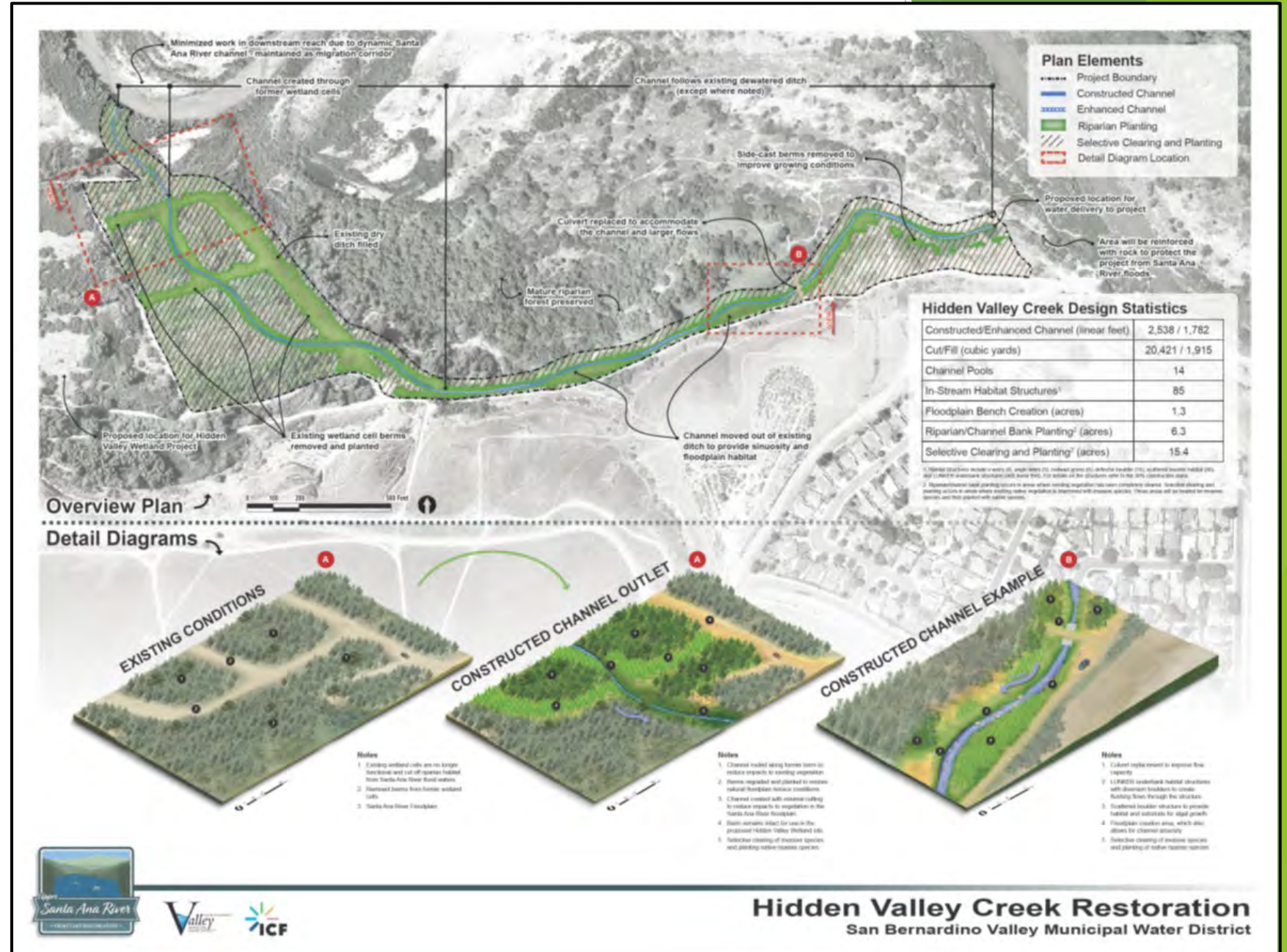
# Stream/Habitat Locations and Benefits

## Benefits:

- 3.5 miles of stream habitat (in green)
- 40.5 acres native plant riparian habitat surrounding the streams



# Example of Tributary Restoration



# Environmental Permitting and Cost Issues



- ▶ Permit applications for Hidden Valley Wetlands and Anza Drain tributaries were submitted in late 2019/early 2020.
  - ❑ Final permits were issued by regulatory agencies for Hidden Valley Wetlands in late December 2021; Anza Drain has not yet been issued.
- ▶ The Army Corps of Engineers (ACE) has taken the longest to provide final permits.
  - ❑ Major delays have come from ACE staff turnover and the effect of COVID on permit review.



- ▶ Due to COVID, costs have increased on construction supplies as well as for construction companies who are in high demand. Engineer cost estimates (based on 100% design plans) have increased significantly.

# Recommendation to DWR on Tributaries

- Within the existing timeline of September 2023 - habitat improvement activities would be conducted at all four tributaries/creeks, but no channel augmentation would occur (i.e. no heavy machinery used to dig/contour streams).
- Benefit of 3.5 stream habitat miles would be reduced to approximately 2.8 miles. The original 40.5 riparian acres would be increased to 60 riparian acres due to new portions of Anza Drain being included in the project area.



# DWR Amendment and Next Steps



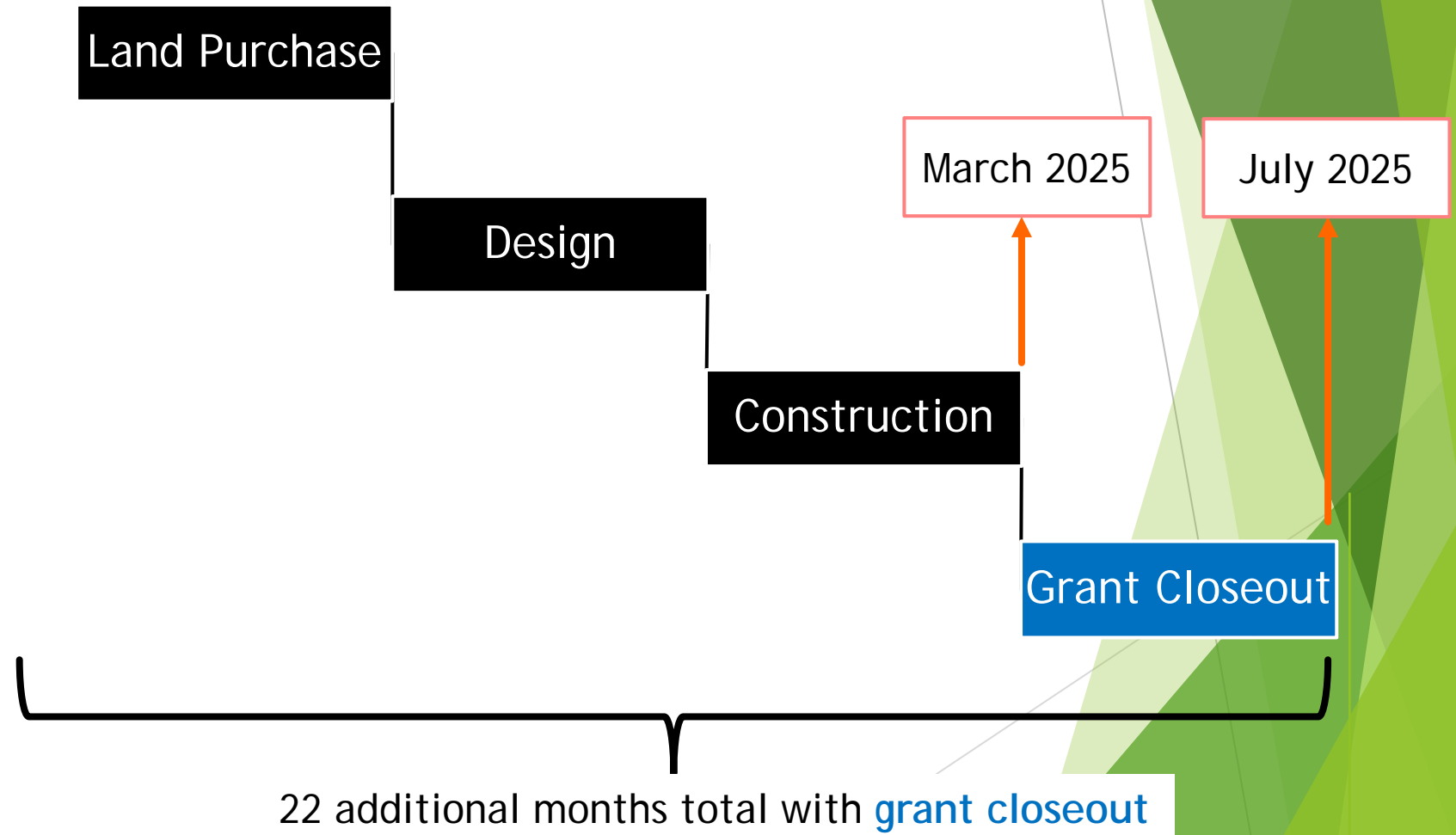
# DWR Amendment Request Timeline and Feedback To Date

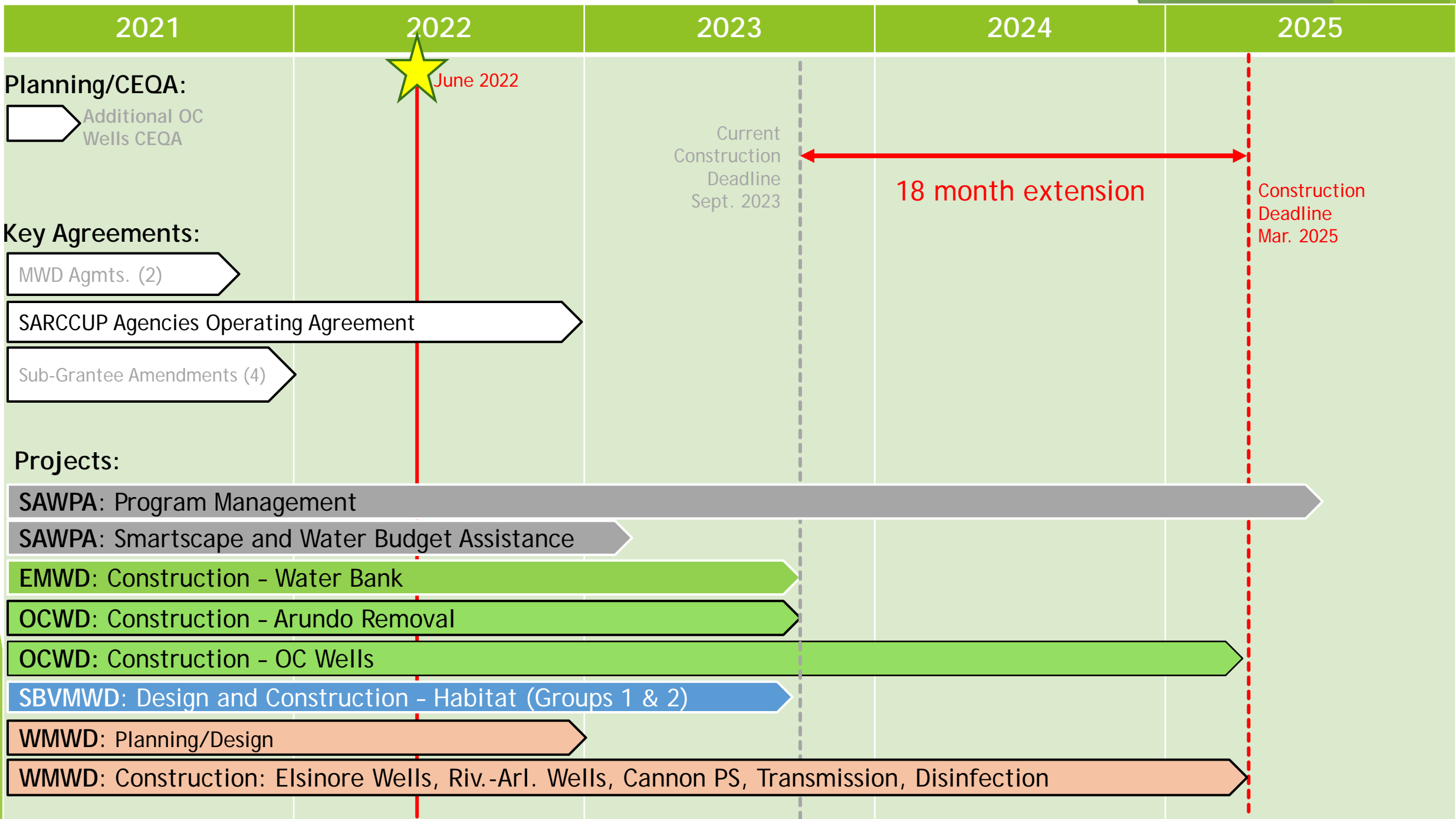


- ▶ SARCCUP Tech Group has worked extensively on the amendment request and the additional time needed,
- ▶ Discussed with PA 23 Committee during April 5, 2022 meeting,
- ▶ Amendment request letter received by DWR staff on April 26, 2022,
- ▶ Met with DWR management on May 26, 2022
  - ▶ DWR management was receptive to the scheduling issues we presented and may grant the full extension, or a partial one.
- ▶ Amendment request does not change the SARCCUP scope of work or budget (including grant funding),
  - ▶ If scope of work or budget changes are subsequently needed due to additional DWR feedback, SAWPA will present those changes to the Committee before entering into an amendment with DWR.

# Additional Time Requested

- ▶ Increased timelines across all projects lead to an additional 18-months needed,
- ▶ Land purchase, design and construction phases of the projects are all contingent on one another (which leads to the overall 18 months needed).





# Recommendation

Authorize SAWPA's General Manager to enter a SARCCUP Grant Agreement amendment that provides a schedule extension of up to July 31, 2025.

# SARCCUP Project Management Services - Consultant Support

Ian Achimore, Senior Watershed Manager

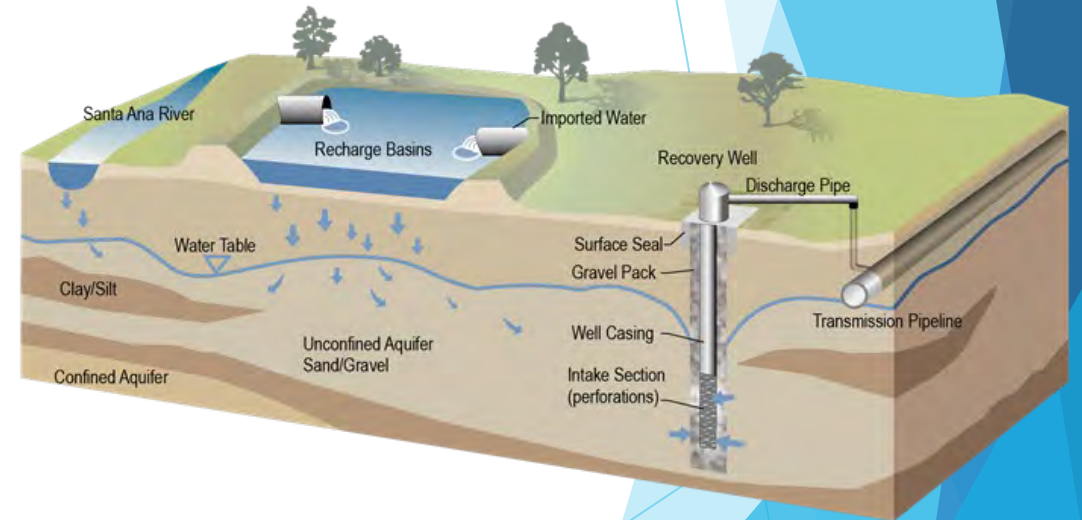
PA 23 Committee | June 7, 2022

Item No. 4.B



# Brief Overview of SARCCUP

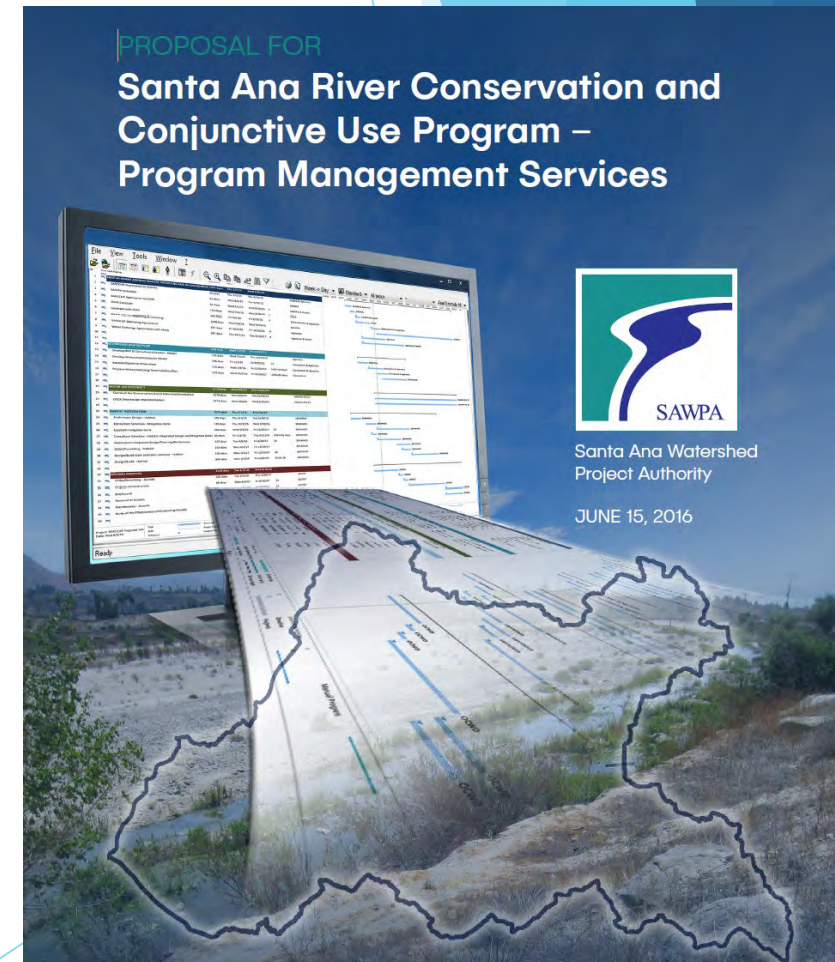
- ▶ Five-year timeline in original Grant Agreement
  - ▶ PA 23 approved schedule increase from September 2021 to 2023 (total of 7.25 years).
- ▶ Timeline includes task completion for
  - ▶ Conjunctive use modeling,
  - ▶ Land acquisition
  - ▶ Engineering,
  - ▶ CEQA and permitting, and
  - ▶ Construction.
- ▶ Five project proponents (SAWPA member agencies)
- ▶ Support services needed to assist in project management



# Project Management RFP

- ▶ Woodard and Curran (W&C) selected through a 2016 Request for Proposals (RFP) coordinated by SAWPA with member agencies
- ▶ Their proposal provided contract amounts per fiscal year

A	B	C
Task Order No.	Fiscal Year Ending	W&C 2016 RFP Proposal
1	2017	\$ 310,429
2	2018	\$ 260,515
3	2019	\$ 240,927
4	2020	\$ 257,114
5	2021	\$ 215,505
<b>Total</b>		<b>\$ 1,284,490</b>





# W&C and SARCCUP Project Management

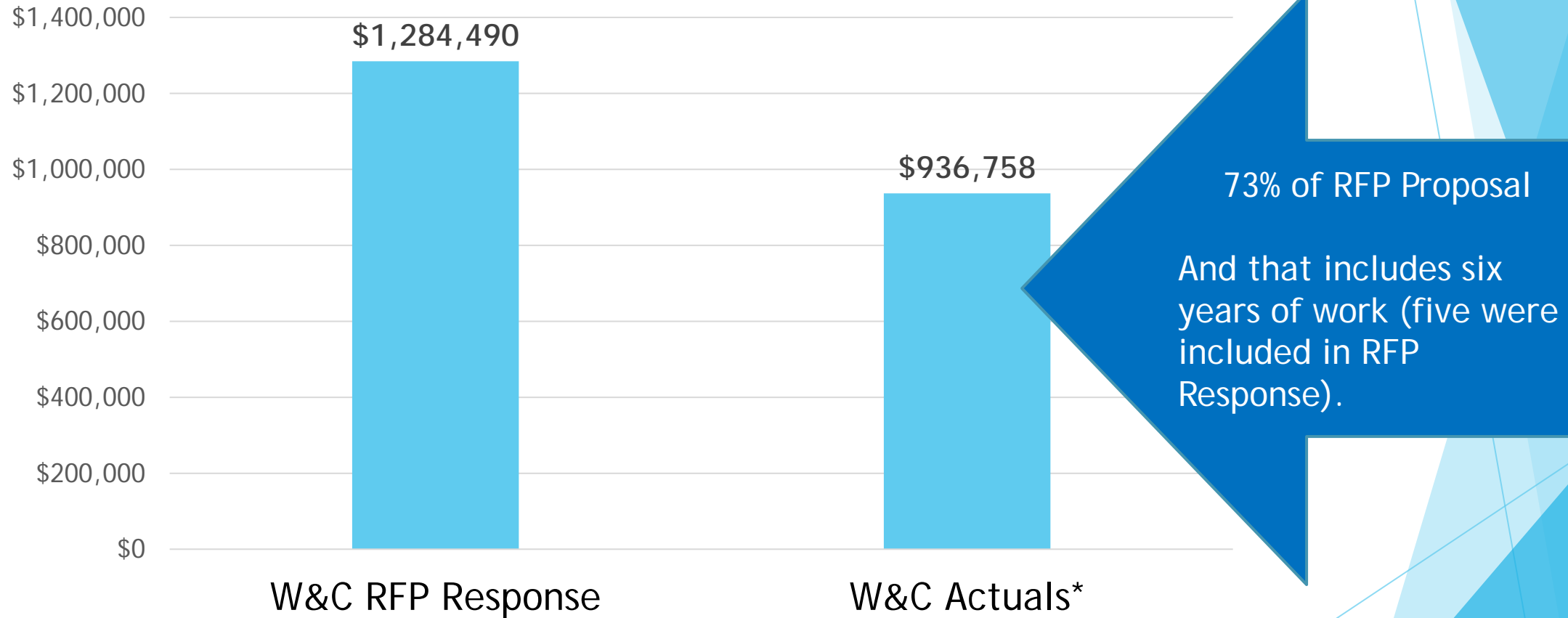
- ▶ Scope Includes:
  - ▶ Web-based database (“Opti”) to track and compile quarterly progress reports and invoices that are required by the Grant Agreement,
  - ▶ Develop a grant-required project monitoring plan,
  - ▶ Lead bi-monthly coordination meetings,
  - ▶ Coordinating edits to the grant agreement amendment, and
  - ▶ Facilitating finalization of the detailed SARCCUP budget.

## Required Reporting



# Status of Funding

## FYE 2017 through FYE 2022



\*Includes three-month projection (April through June, 2022) for FYE 2022.

# Major Activities for FYE 2023

- ▶ Coordinated with SAWPA member agency staff regarding this FYE 2023 task order,
- ▶ In FYE 2023, W&C would continue invoice/progress report management ,
  - ▶ \$84,030 in FYE 2023 task order amount factors in changes needed if Opti Database requires changes due to SARCCUP grant agreement amendment request,
- ▶ W&C will assist in the SARCCUP Amendment request, and
- ▶ SAWPA member agency staff and W&C would reduce coordination meetings due to launch of the Operations Committee and the related staff-level coordinating workgroup.

# Funding Going Forward

A	B	C	F
Task Order No.	Fiscal Year Ending	W&C RFP Proposal	W&C Actuals (With Quoted Amounts in Purple)
1	2017	\$310,429	\$307,210
2	2018	\$260,515	\$140,885
3	2019	\$240,927	\$181,953
4	2020	\$257,114	\$154,973
5	2021	\$215,505	\$76,737
6	2022	Not Included	\$75,000*
7	2023		\$84,030
8	2024		\$86,774
<b>Total</b>		<b>\$1,284,490</b>	<b>\$1,107,562</b>

Proposed Amount for Approval

Due to cost savings, no additional invoicing needed to SAWPA member agencies.

\*Includes three-month projection (April through June, 2022) for FYE 2022.

# Recommendation



Authorize the approval of Task Order No. RMC504-401-09 in the amount not-to-exceed \$84,030 with Woodard & Curran for project management services to support the Santa Ana River Conservation and Conjunctive Use Program.



# SARCCUP Grant Payment Updates

Ian Achimore, Senior Watershed  
Manager

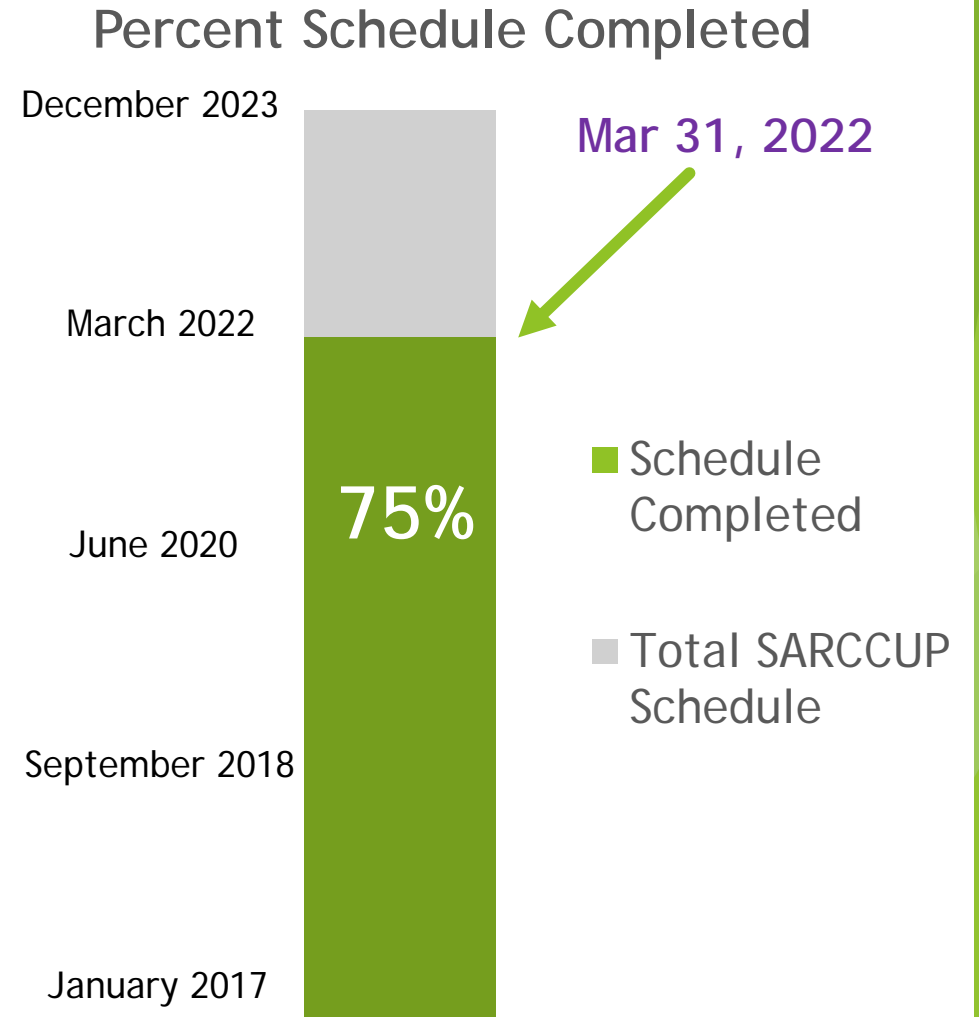
PA 23 Committee | June 7, 2022

Item No. 5.A

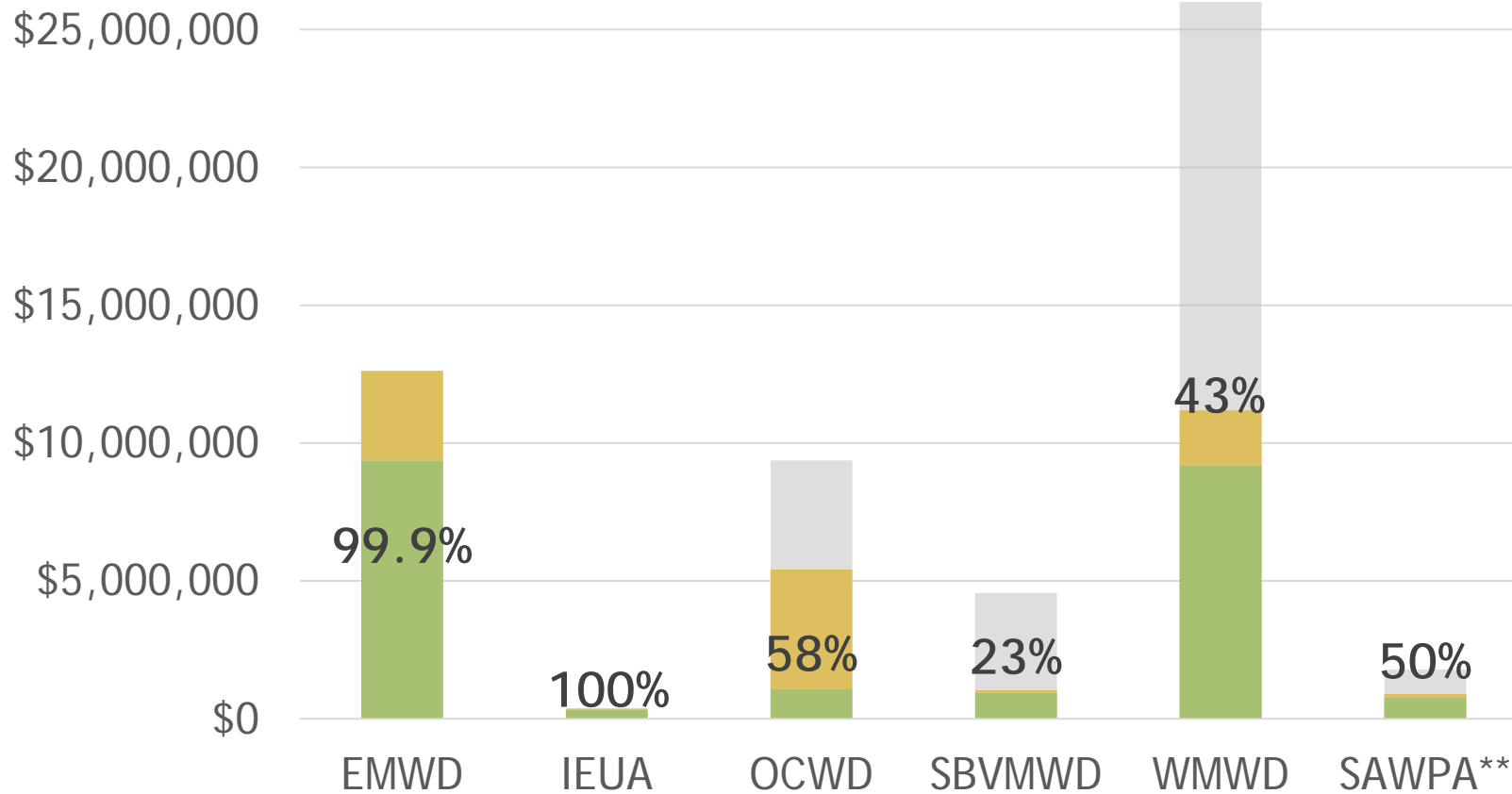


# Background on Grant

- ▶ 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 2 and October 1, 2019 Committee meetings, which were incorporated into the amendment with DWR.
- ▶ Amounts shown in this presentation reflect invoices submitted through **March 31, 2022** (latest invoices received at time of publishing this agenda packet).
- ▶ As of **March 31, 2022**, the amount of grant invoiced is 57% of the total \$55M grant.



# Grant Payment Status By SARCCUP Agency (Percent of Total Grant Invoiced 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	\$9,363,468	\$330,706	\$1,070,105	\$942,516	\$9,195,661	\$766,739
Total Outstanding Grant Payments*	3,251,607	\$36,745	\$4,345,316	\$93,436	\$1,992,635	\$132,248
Total Grant (Amendment No. 2)	\$12,621,835	\$367,968	\$9,368,344	\$4,565,932	\$26,283,723	\$1,792,199

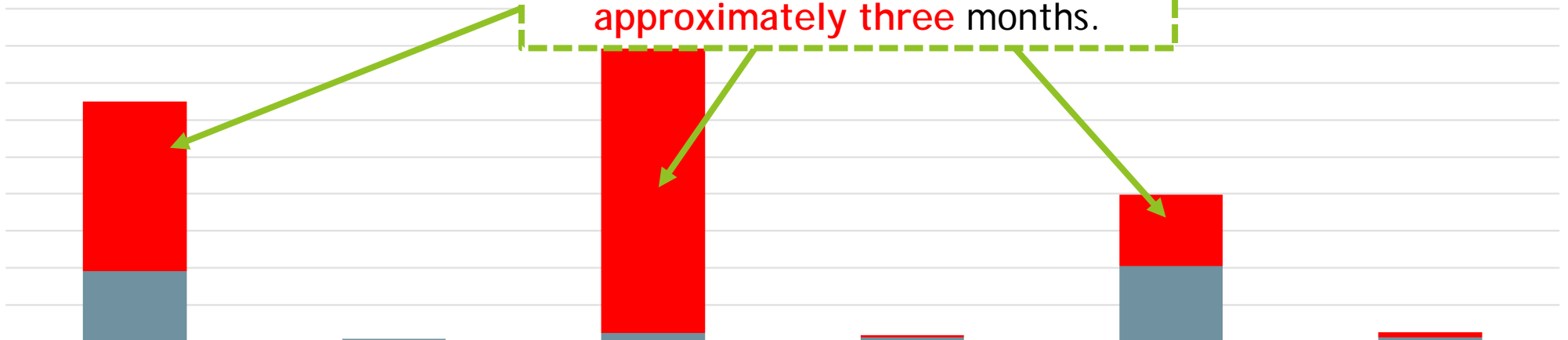


# More Detail on Outstanding Grant Payments

(Through March 31, 2022)

SAWPA is coordinating with DWR to address delays in payments. Payments to be received within **approximately three** months.

\$4,500,000  
\$4,000,000  
\$3,500,000  
\$3,000,000  
\$2,500,000  
\$2,000,000  
\$1,500,000  
\$1,000,000  
\$500,000  
\$-



	EMWD	IEUA	OCWD	SBVMWD	WMWD	SAWPA
Outstanding Invoice(s)	\$2,292,611	\$-	\$4,226,415	\$36,180	\$971,751	\$71,626
Retention	\$958,996	\$36,745	\$118,901	\$57,256	\$1,020,884	\$60,622

■ Retention ■ Outstanding Invoice(s)

Notes:

- Retention will be withheld by DWR until complete invoicing of overall SARCCUP Project (scheduled for **December 2023**).
- Last paid invoice from DWR was for reimbursing expenses incurred by SARCCUP agencies through **March 31, 2021**.



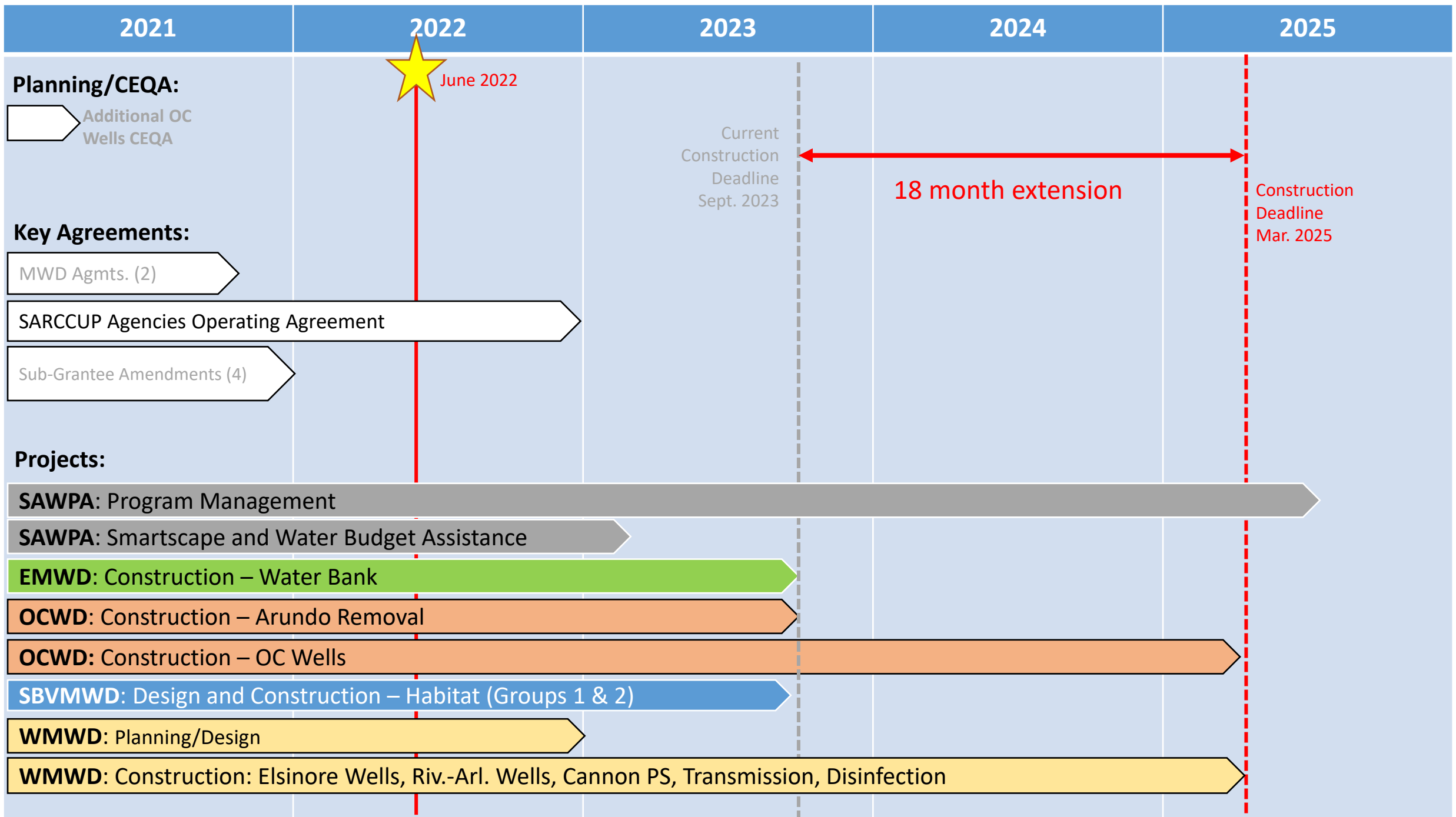
# SARCCUP Schedule Status Information

Brian Dietrick, Woodard & Curran

PA 23 Committee | June 7, 2022

Item No. 5.B.





June 2022

Current Construction Deadline Sept. 2023

18 month extension

Construction Deadline Mar. 2025

# 2021-2025 Agency Slides

