



SARCCUP

SARCCUP Interagency Operating Committee Agreement Approval

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.



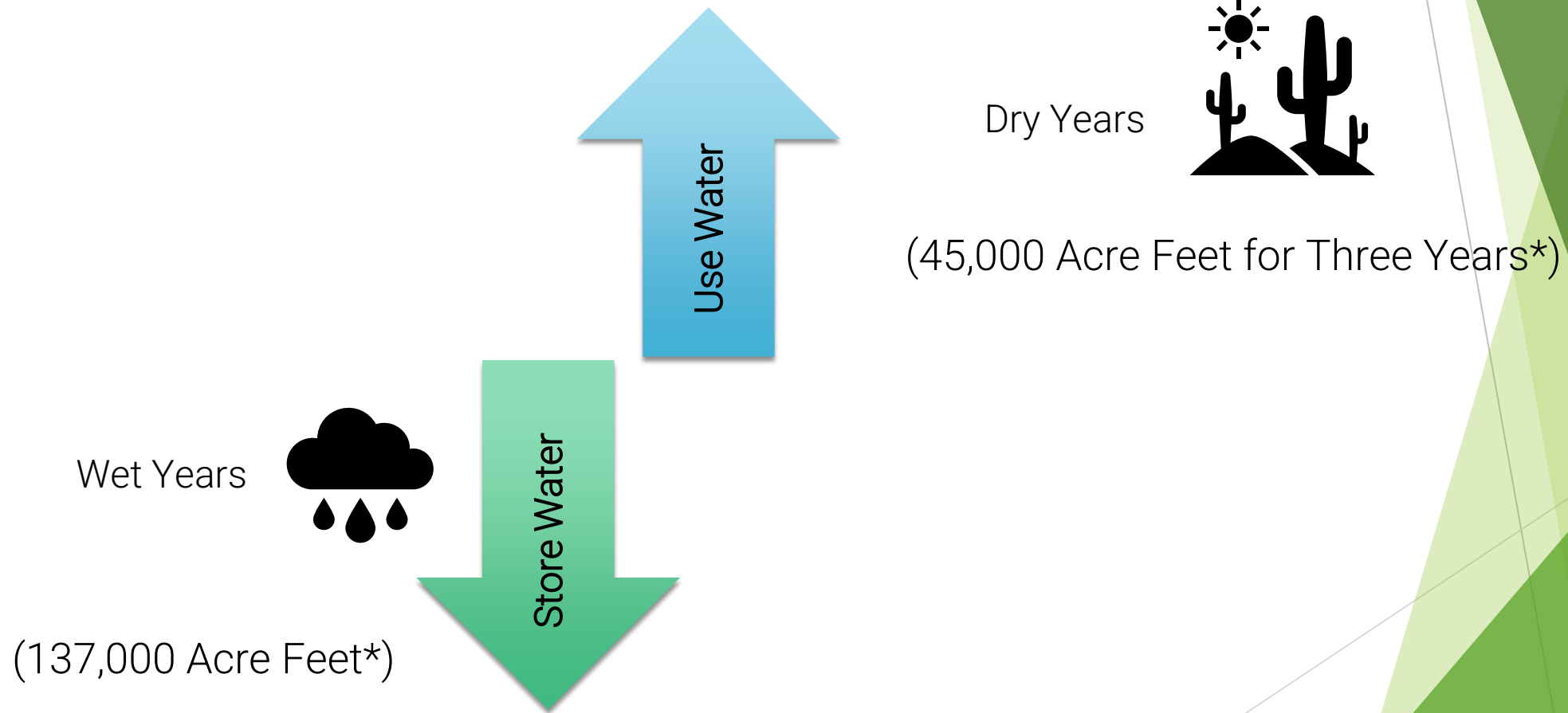
Santa Ana River Conservation & Conjunctive Use Program

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.”

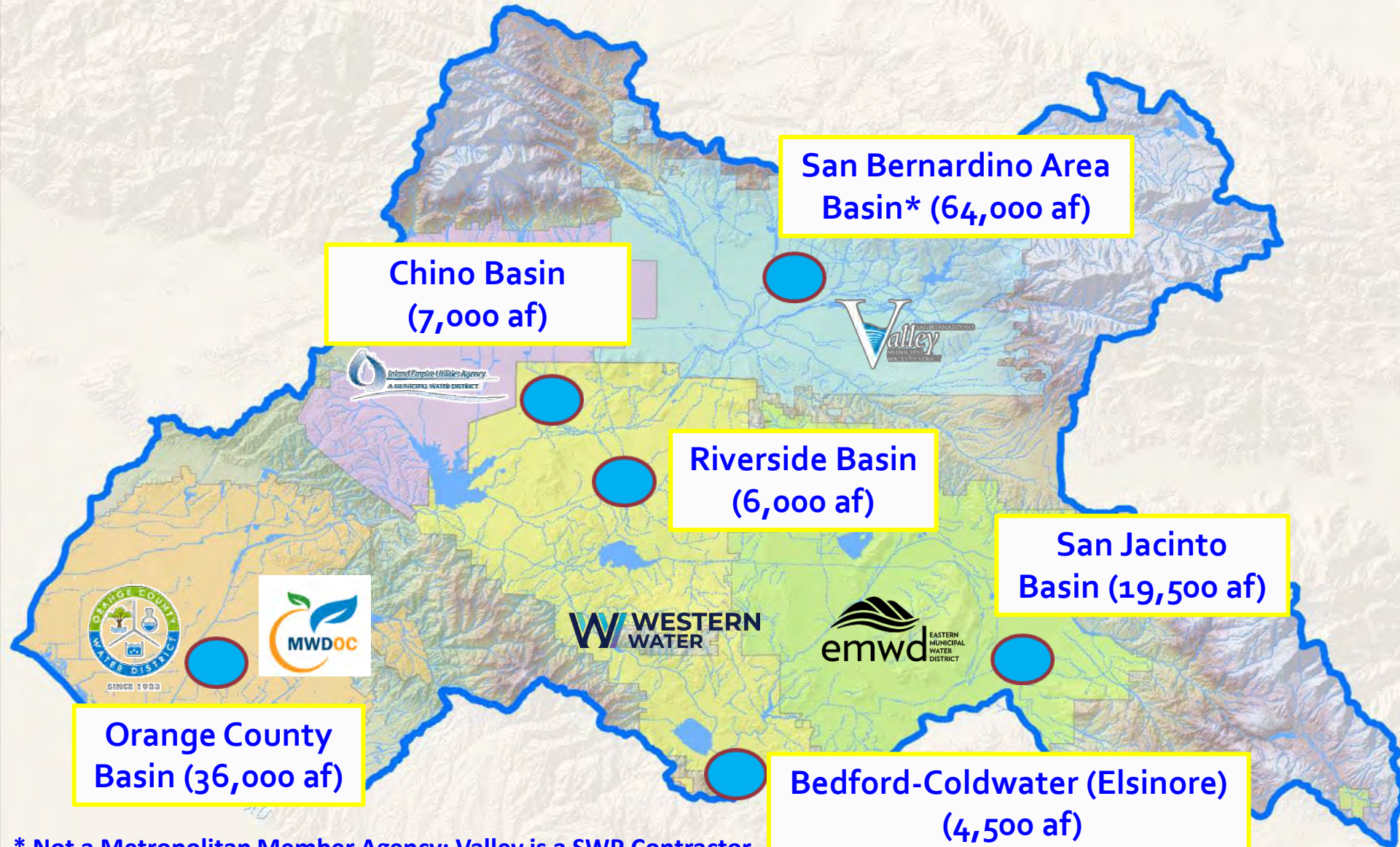
SARCCUP Conjunctive Use Overview



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

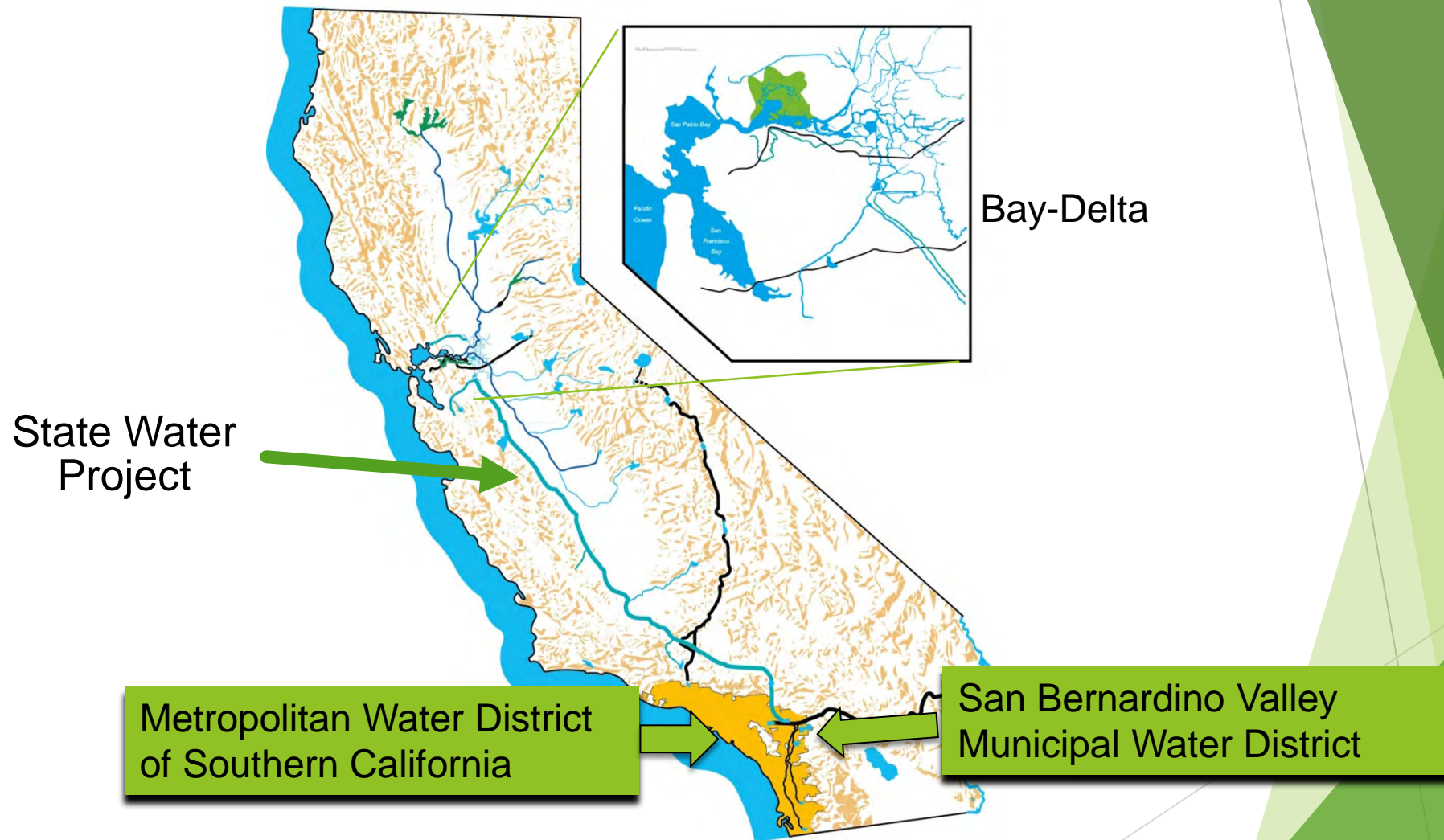
SARCCUP Storage

Total Target Storage is 137,000 AF



* Not a Metropolitan Member Agency; Valley is a SWP Contractor

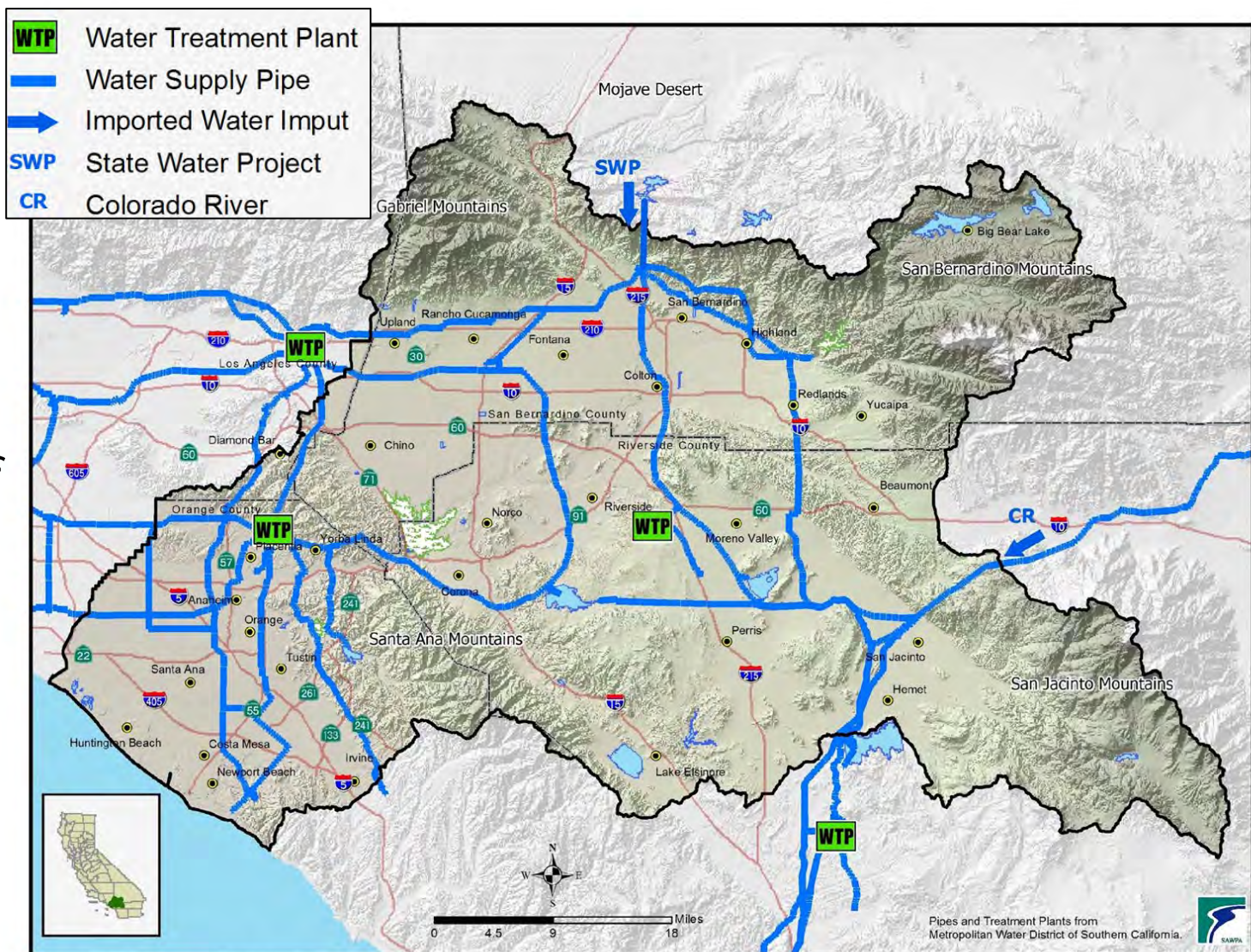
Sources* of SARCCUP Wet Year Water



*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 Member Agencies Agreement	MWD offers at least 50% of surplus water purchases to SARCCUP MWD Member Agencies (EMWD, IEUA, MWDOC (& OCWD), WMWD)	Executed November 2021
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 Operating Committee Agreement	Details roles and responsibilities for decision making surrounding available surplus water for purchase and storage through the SARCCUP program in the water banking facilities (EMWD, OCWD, Valley, WMWD)	Expected Execution April/May 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

Parties to Agreement



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
- Draft Operating Committee Agreement developed based on Final 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).

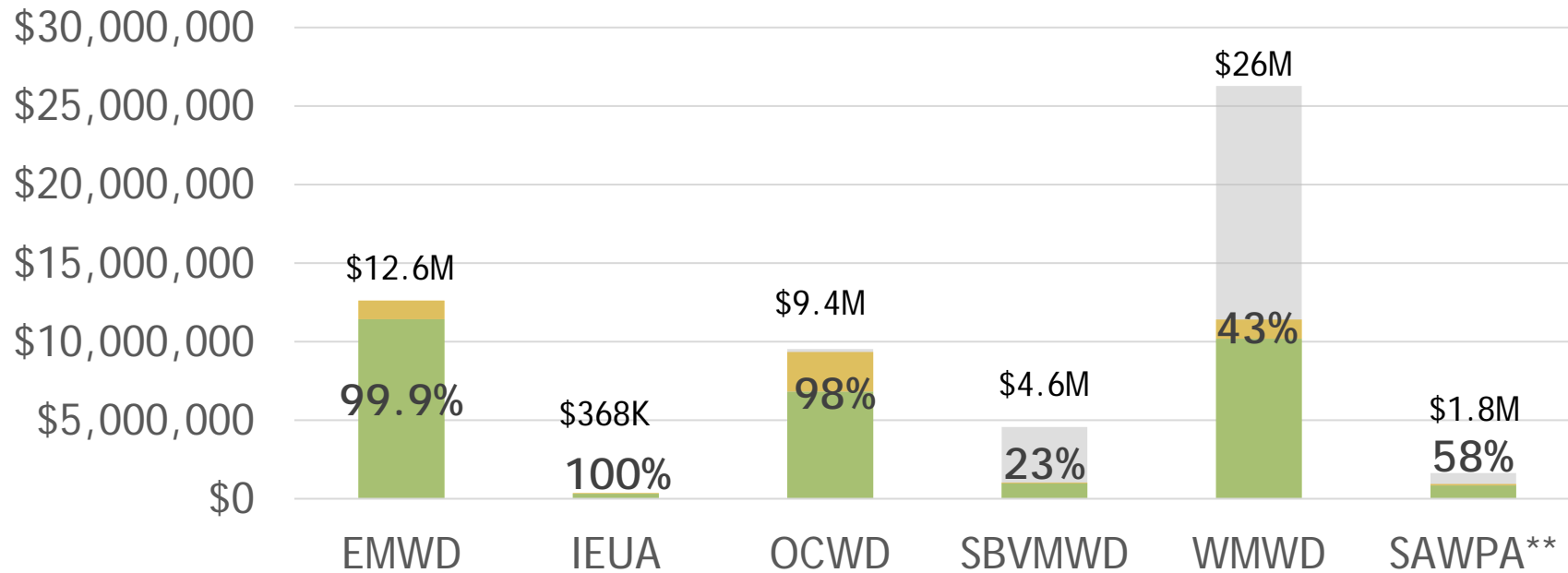
Invoicing Status as of December 2022

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:

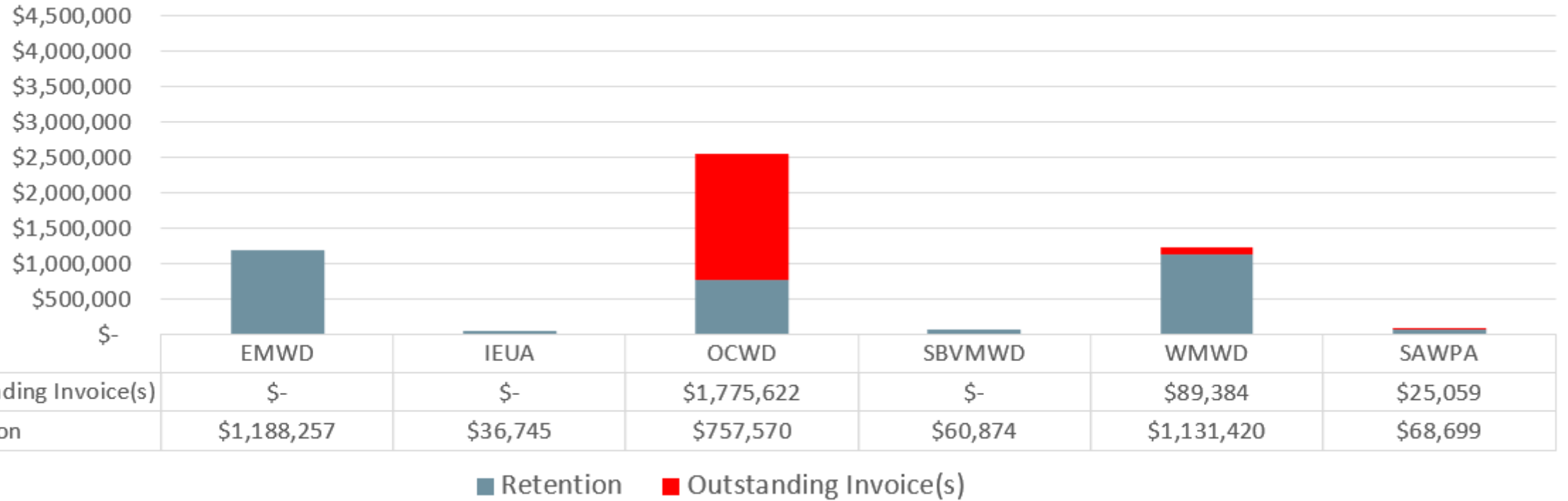
*Payment outstanding due to 10% retention withheld on each grant amount included in invoice, or lag in payment from last quarter's invoice.

**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

SARCCUP Project Updates

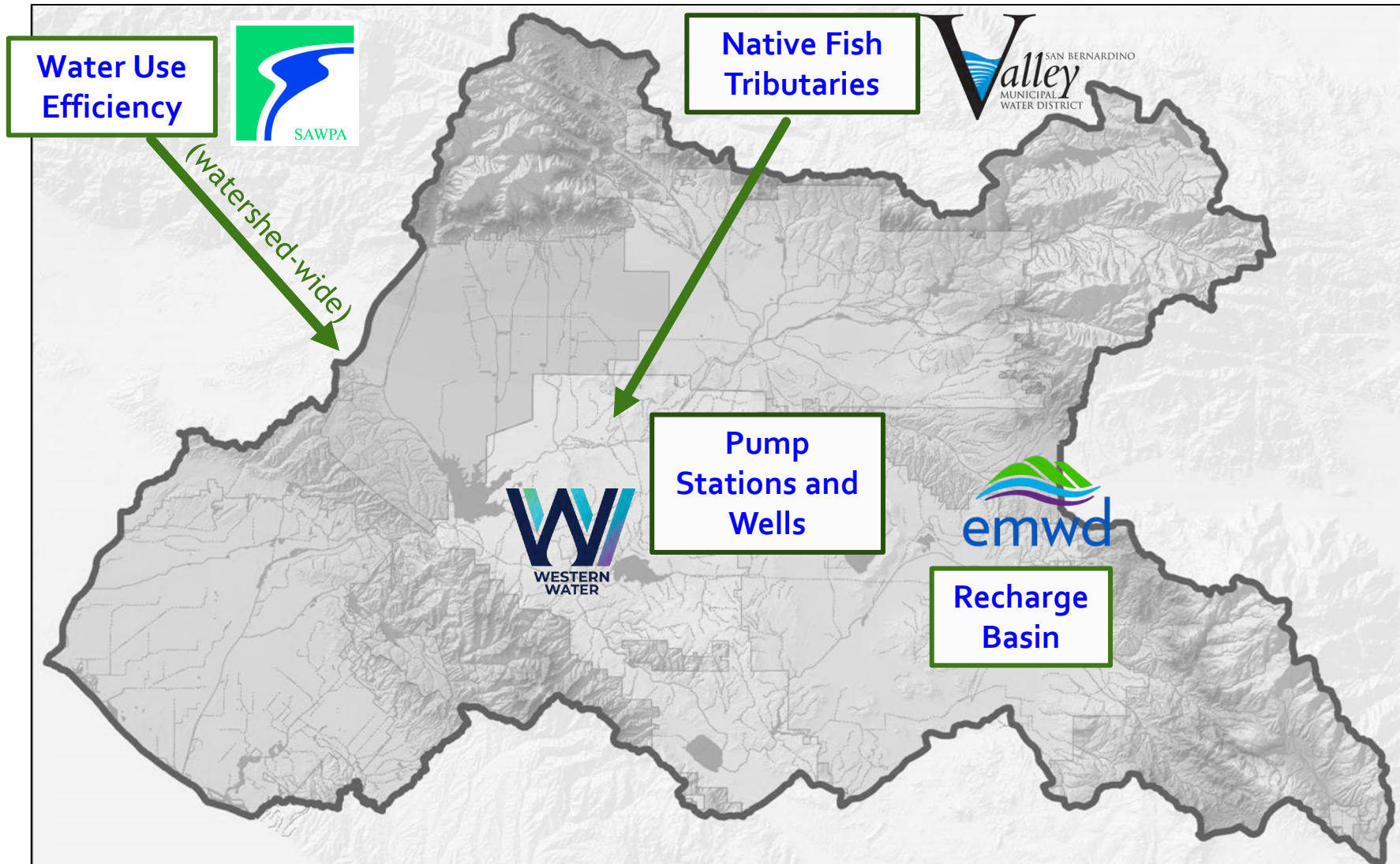
SAWPA Member Agencies & SAWPA

PA 23 Committee | April 4, 2023

Item No. 5.B



SARCCUP Project Update Locations



EMWD Updates



San Jacinto Groundwater Basin Facilities

Wells 201, 202, and 203 Program Overview



Wells 201, 202 & 203 Equipping



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

Wells 201, 202 & 203 Equipping



Well 201 Piping, January 2023

Wells 201, 202 & 203 Equipping



Well 201 Generator, January 2023

Wells 201, 202 & 203 Equipping



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

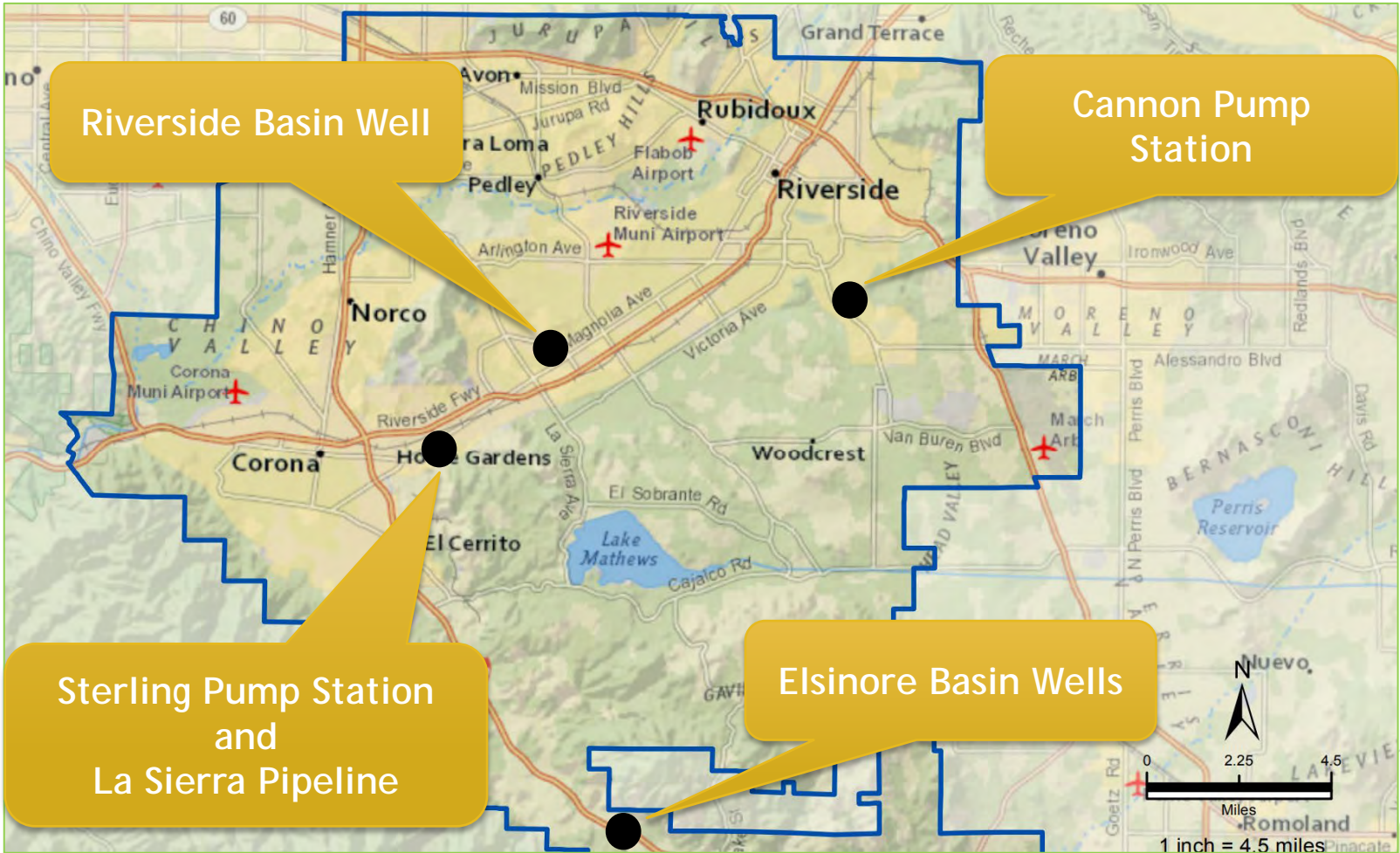


WMWD Updates



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



Well Site & Sound Barrier

Elsinore Basin Well

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



Well 2 Airlift Development



Well 1 Reaming

SBVMWD Updates



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)

SAWPA Updates



Water Use Efficiency Budget Assistance Task

Purpose of Task

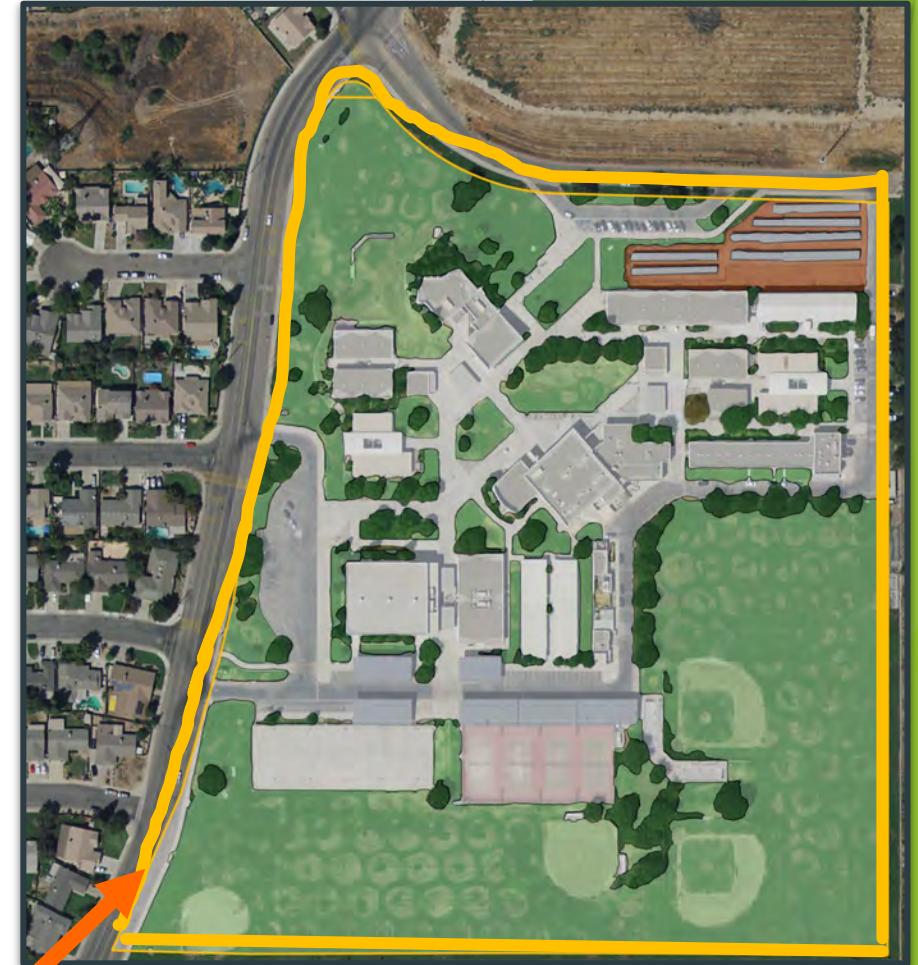
High-level Scope of work from grant agreement:

- ▶ 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





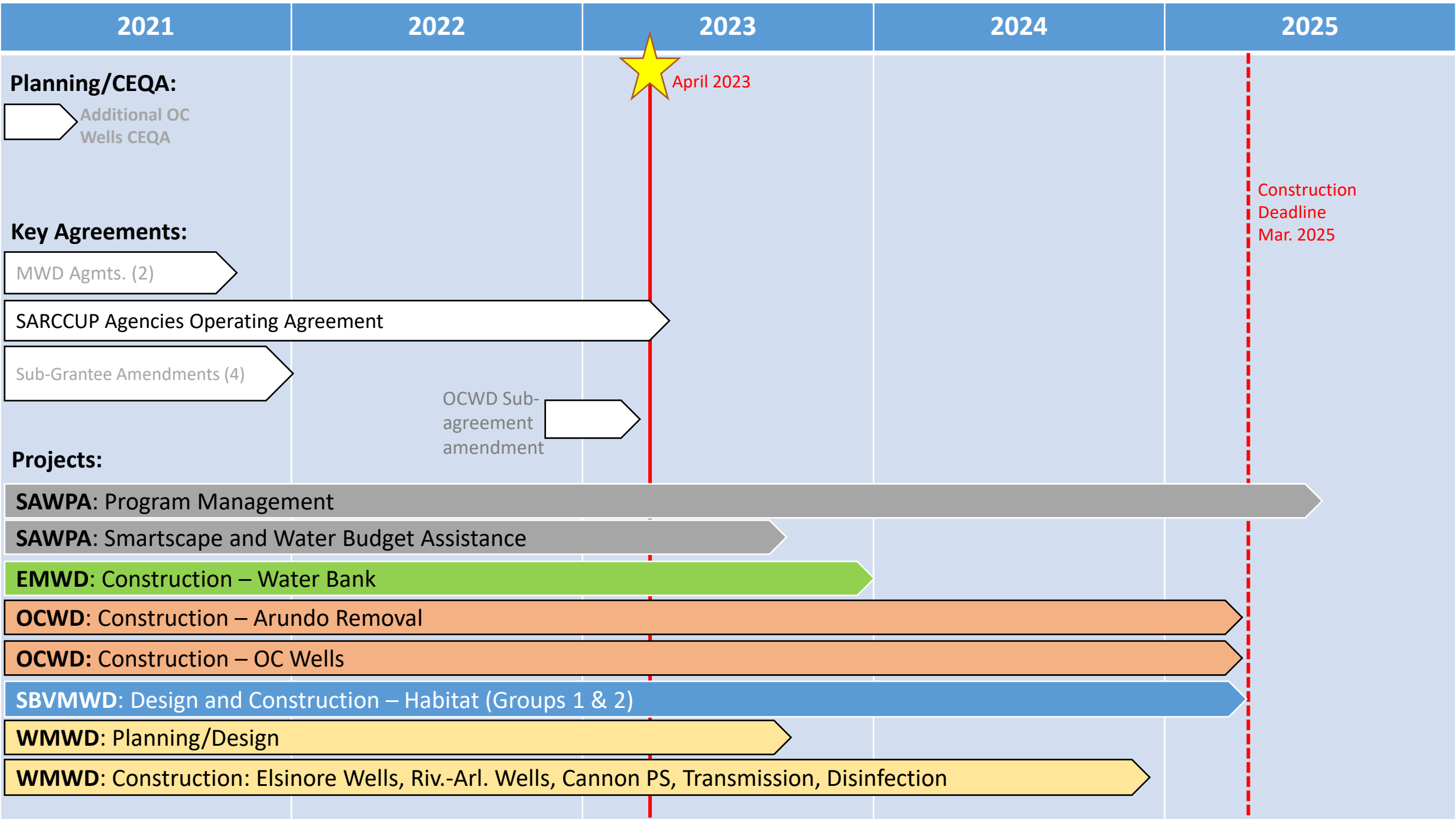
SARCCUP Schedule Status Information

Ian Achimore, Senior Watershed Manager

PA 23 Committee | April 4, 2023

Item No. 5.C.

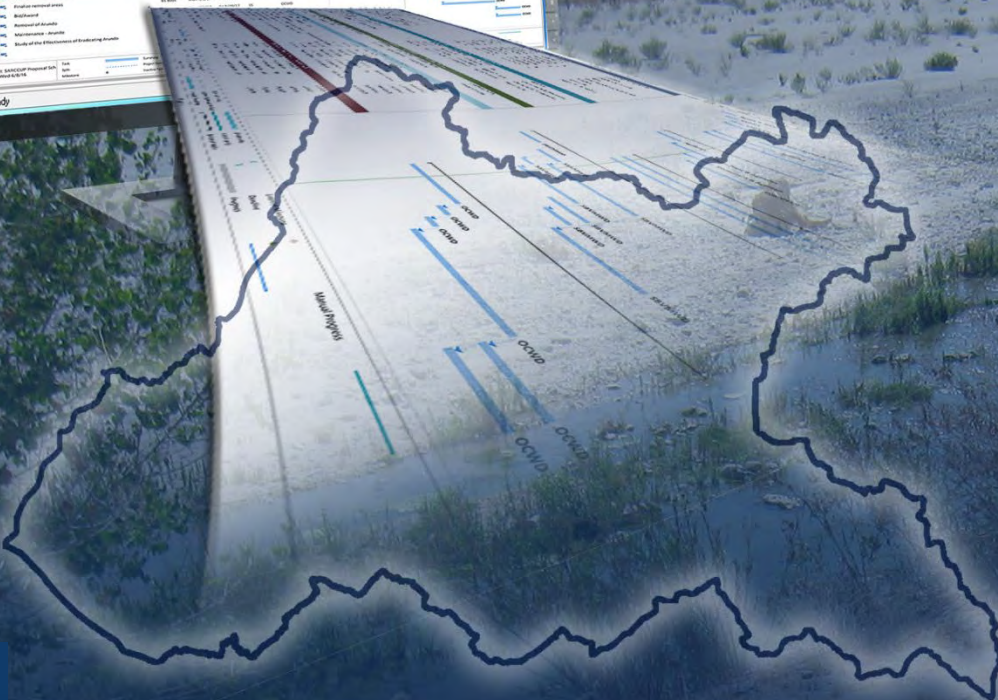
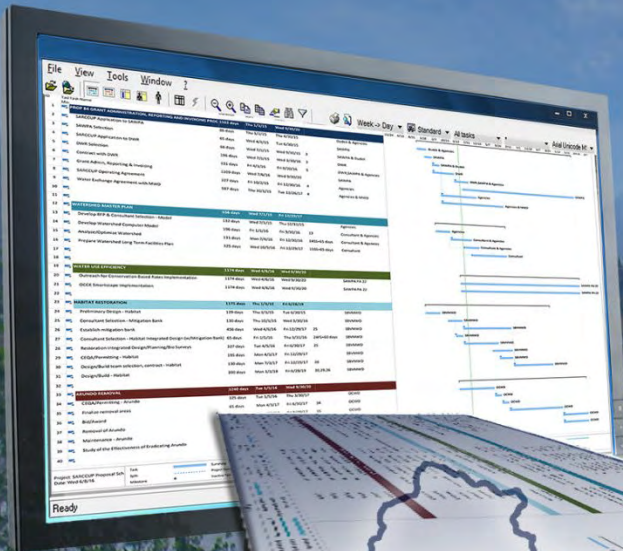


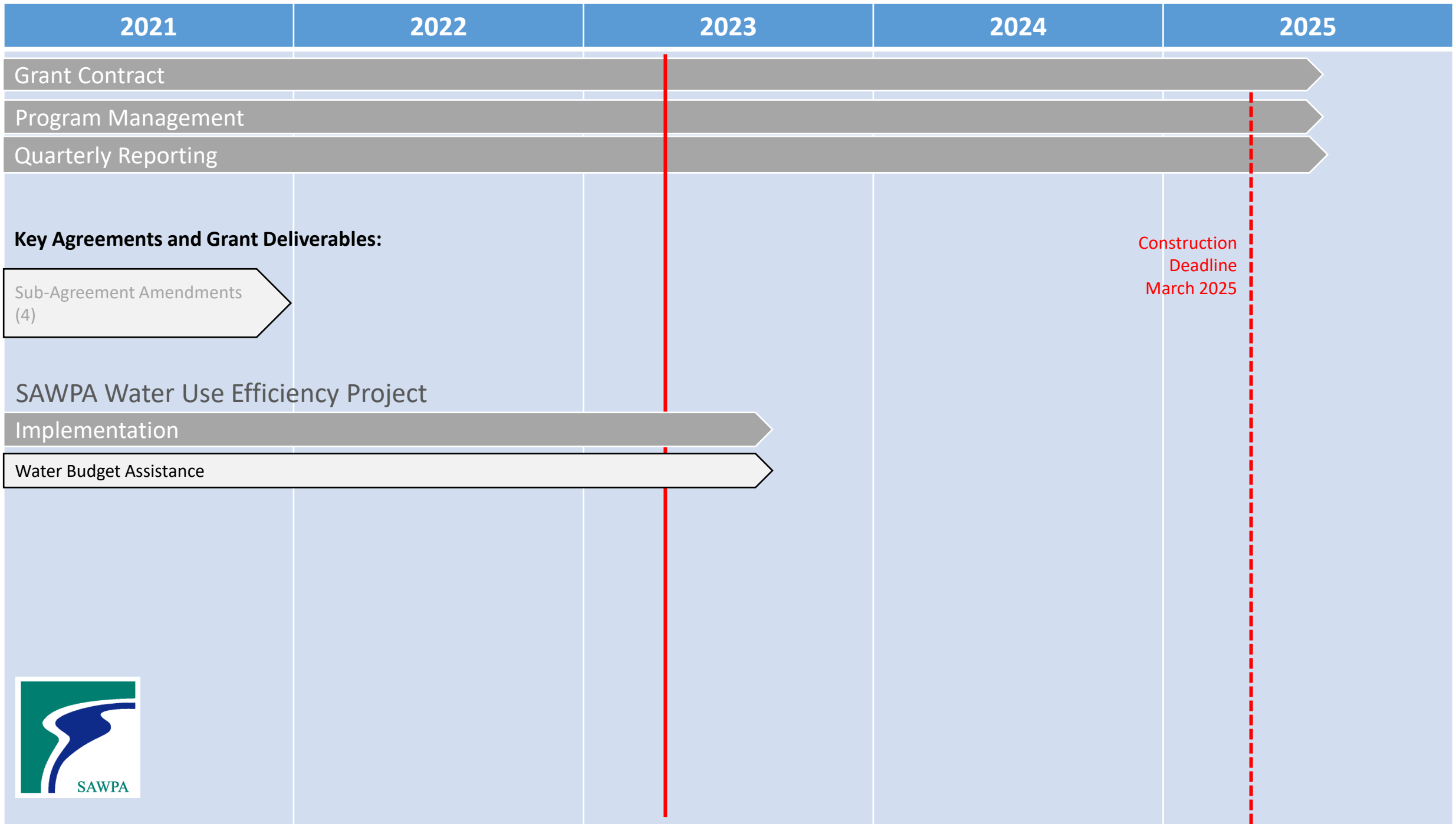


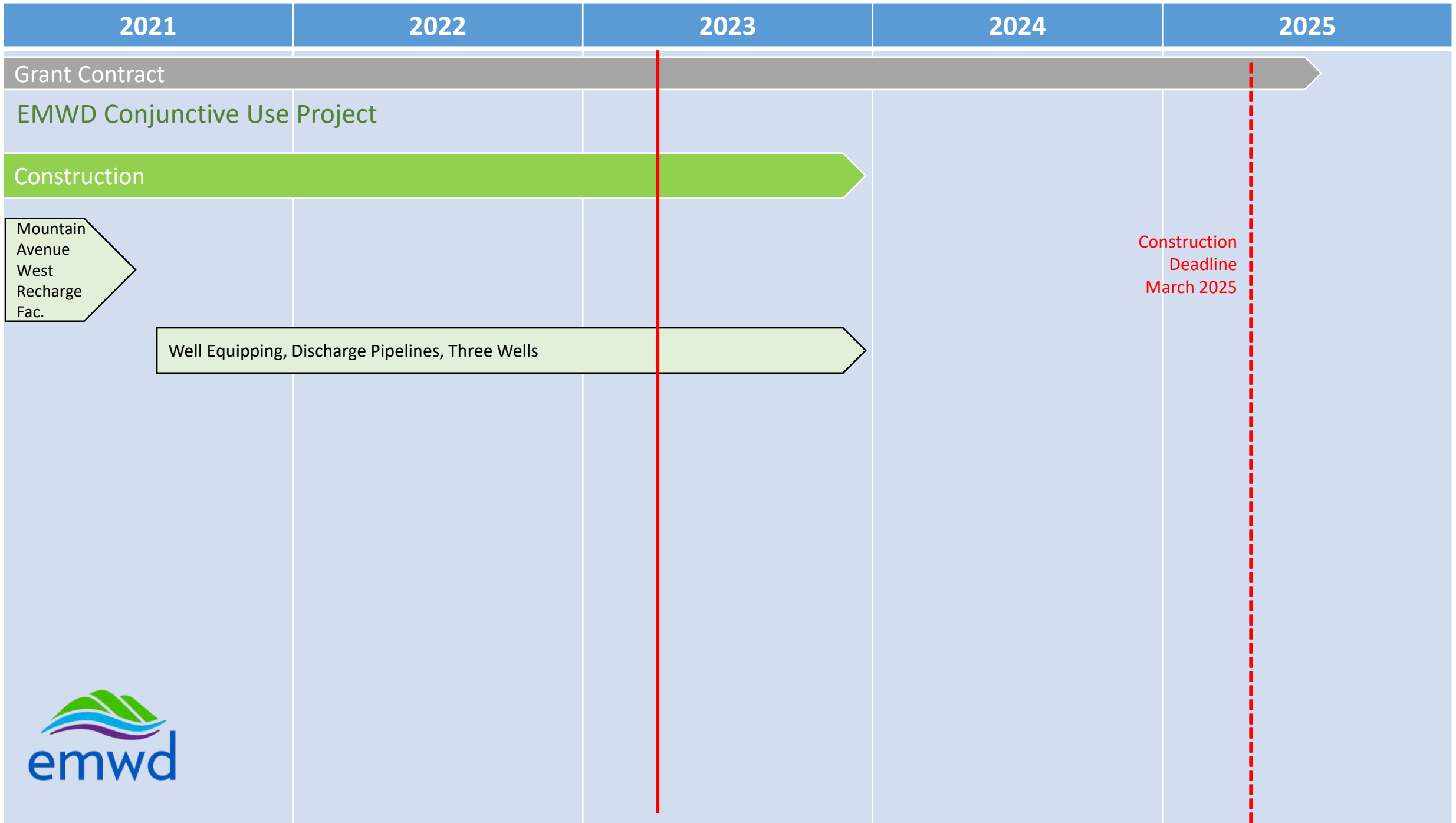
April 2023

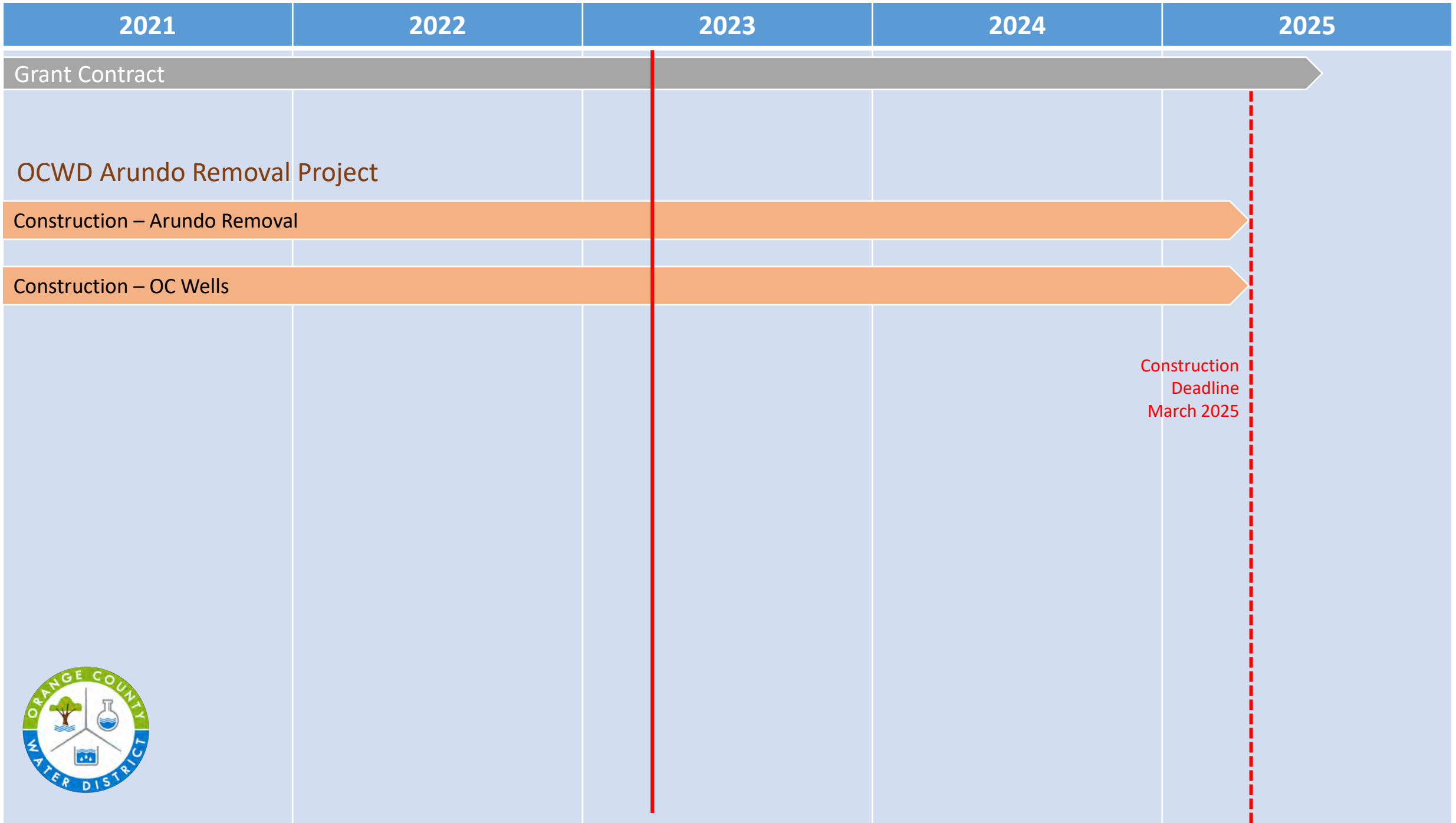
Construction Deadline
Mar. 2025

2021-2025 Agency Slides









2021	2022	2023	2024	2025
------	------	------	------	------

Grant Contract

SBVMWD Habitat Restoration Project

Habitat Permits

Construction
Deadline
March 2025

Final Engineering/ Construction Package 1

Construction Group 1

Final Engineering/ Construction Package 2

Construction Group 2



