



SARCCUP

SARCCUP Project Updates

SAWPA Member Agencies and SAWPA

PA 23 Committee | August 4, 2020

Item No. 4.A.



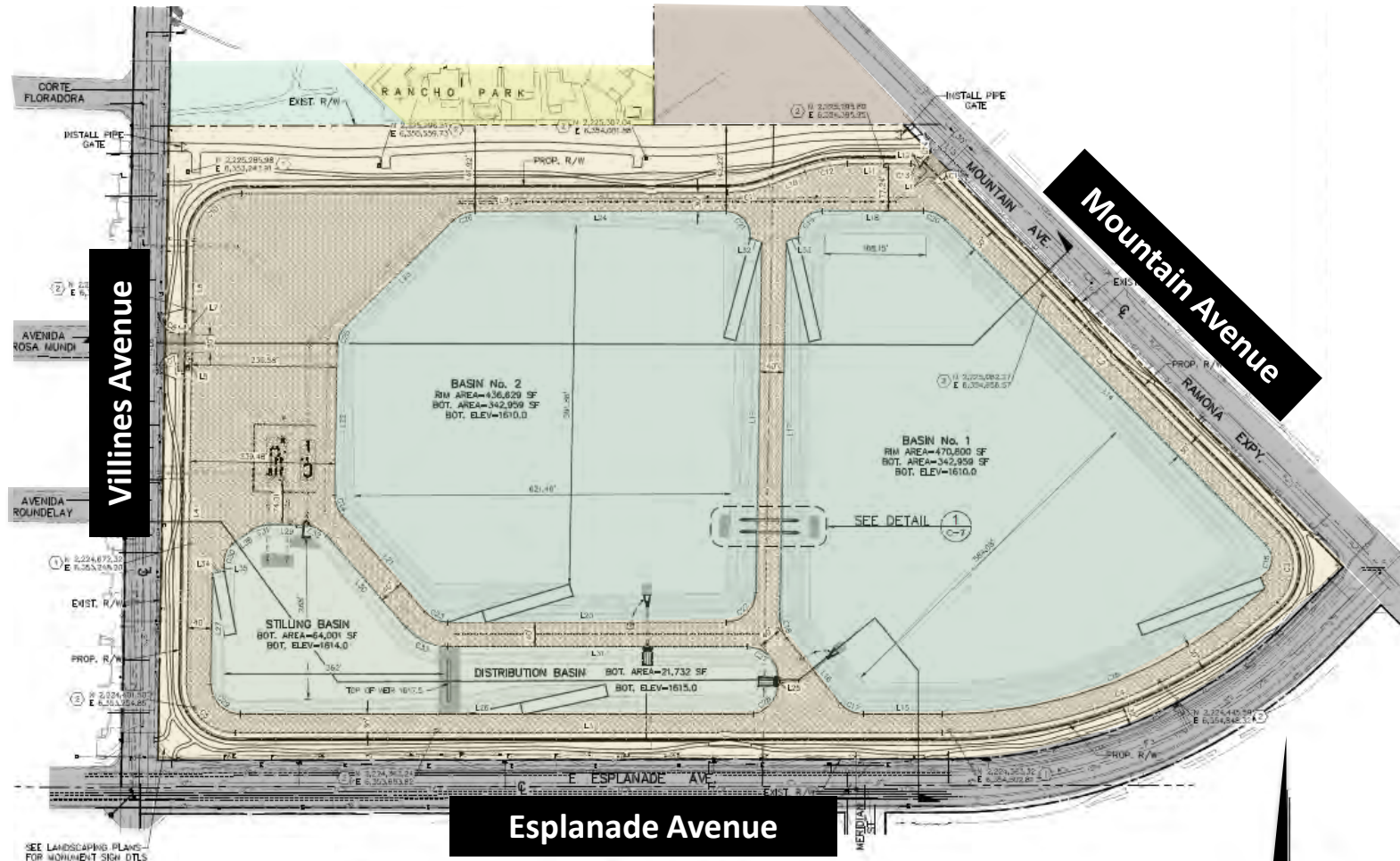


EMWD Updates

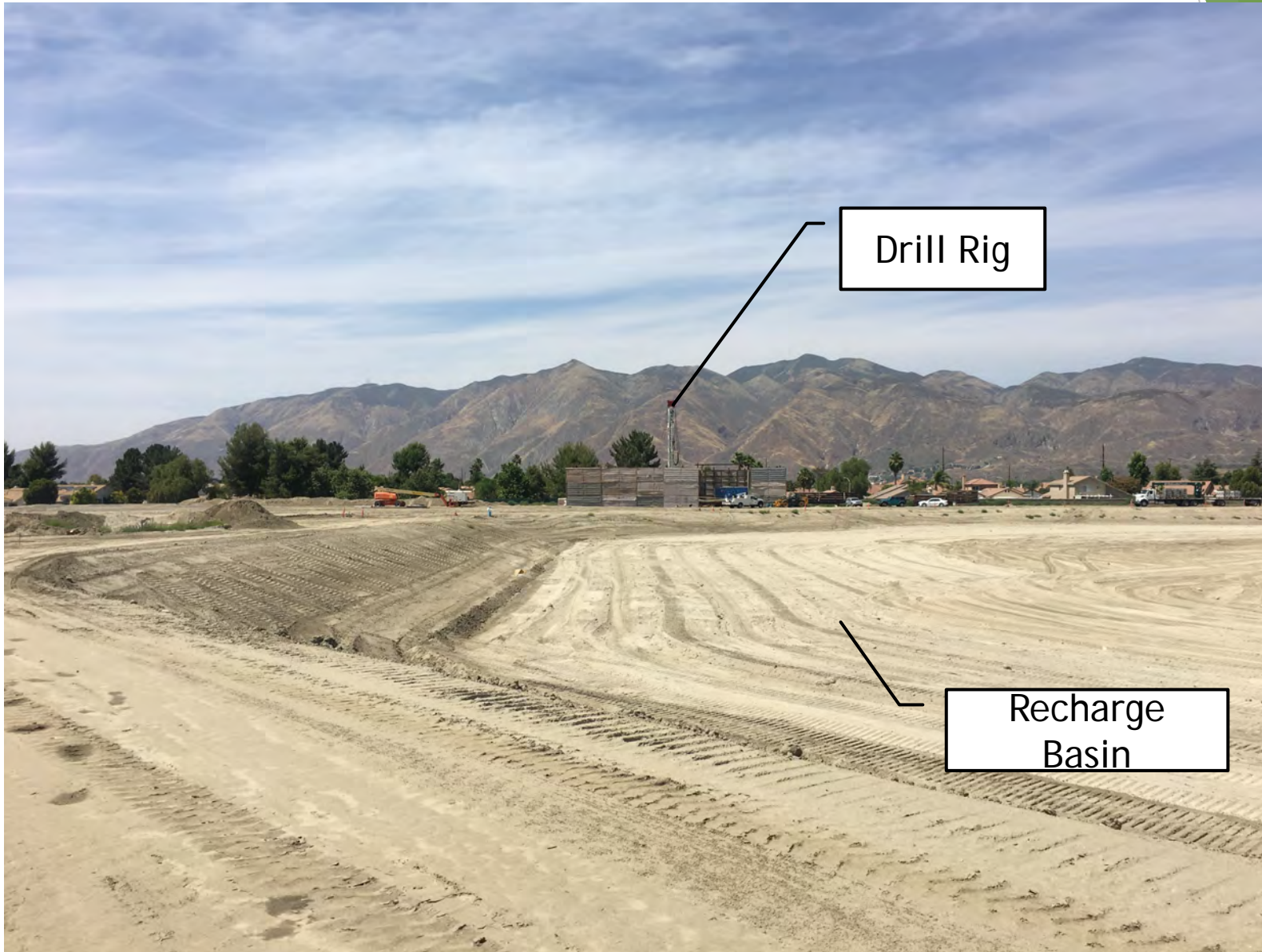
Mountain Avenue West Recharge Facility

August 2020

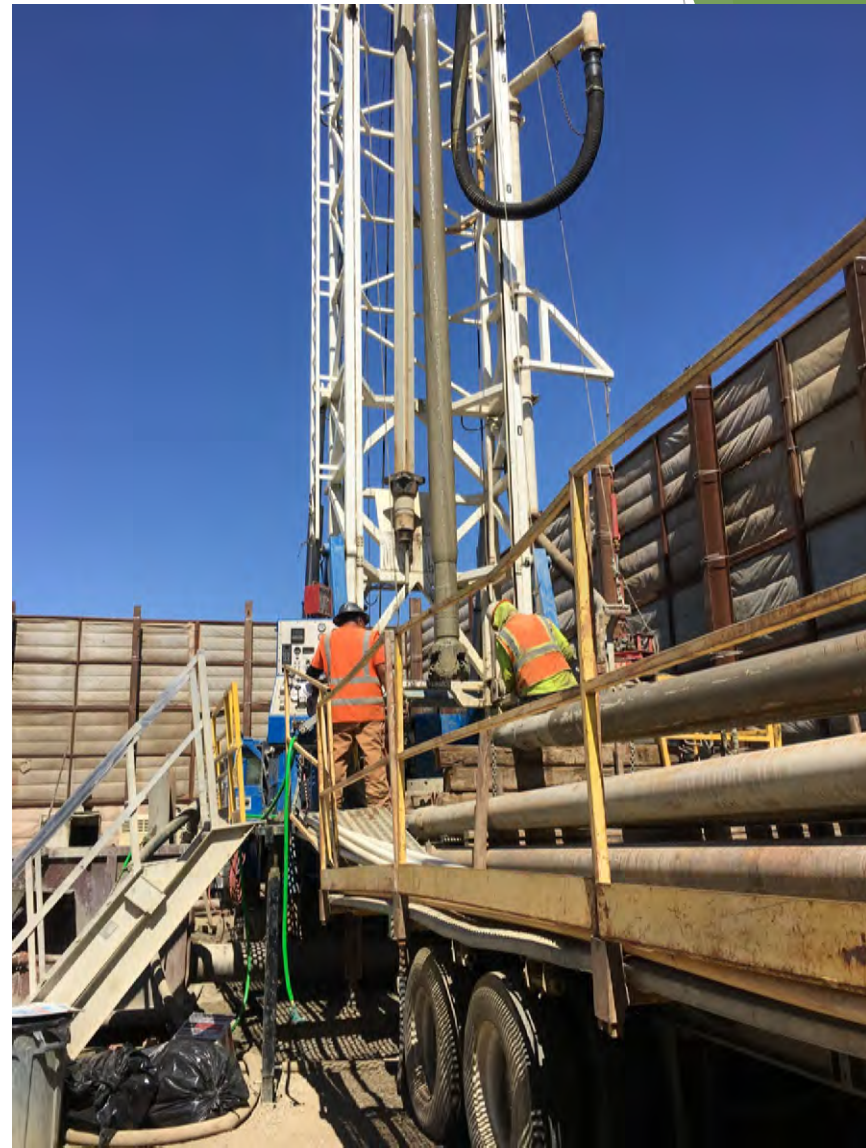
EMWD Project Update – Mountain Avenue West



Mountain Avenue West Recharge Facility Schematic



Foreground: Recharge Basin Construction
Background: Monitoring Well Construction



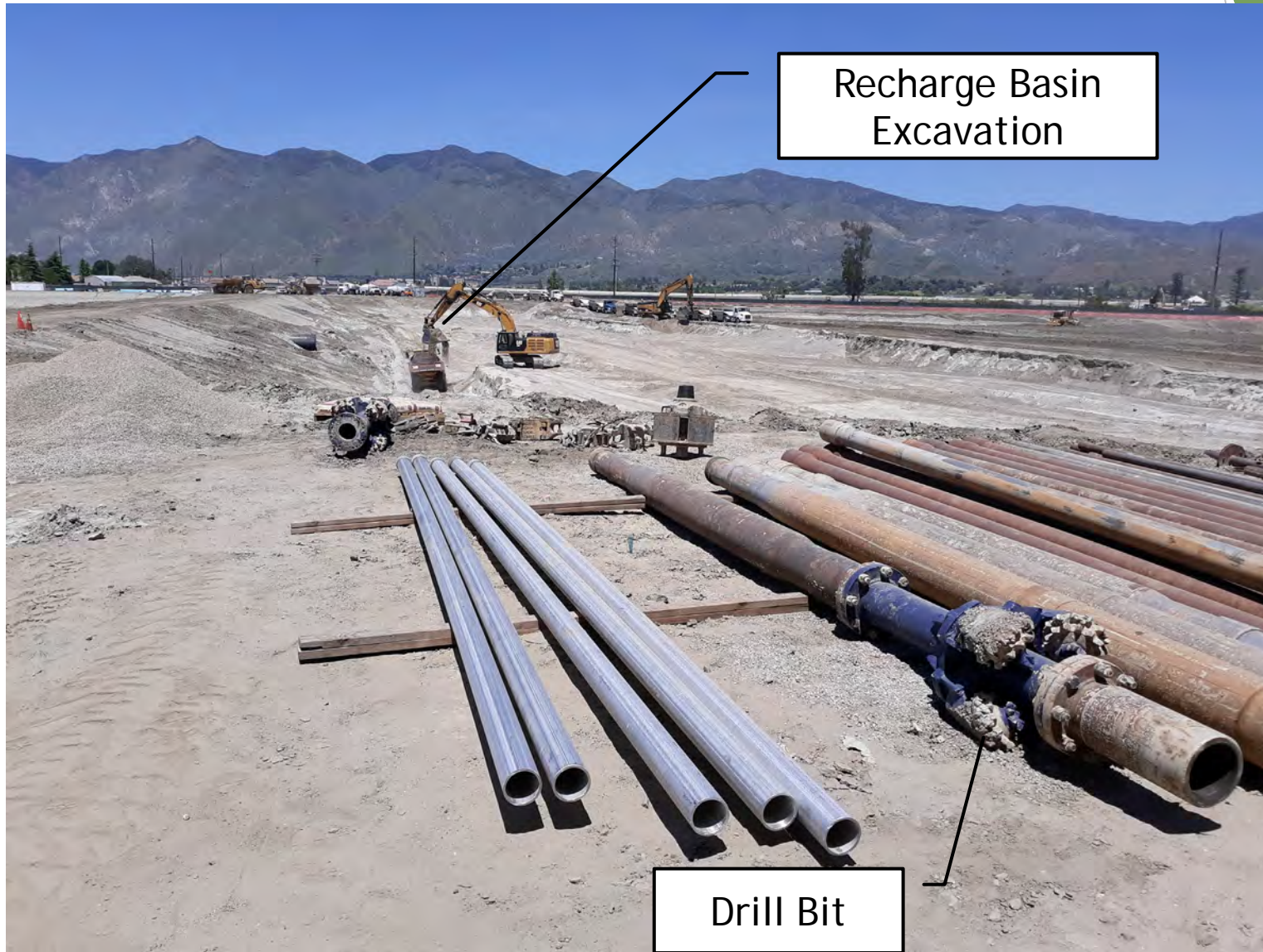
**Construction of a Monitoring Well at
Mountain Avenue West Recharge Facility**



Drill Bit



Drill Rig



**Excavation of a Recharge Basin at the
Mountain Avenue West Recharge Facility**



Aerial View of Project Site



Inlet Structure

WMWD Updates

Sterling Pump Station and La Sierra Pipeline

Riverside-Arlington Groundwater Well

August 2020



Sterling Pump Station
Finalizing electrical and instrumentation to commence facility startup testing



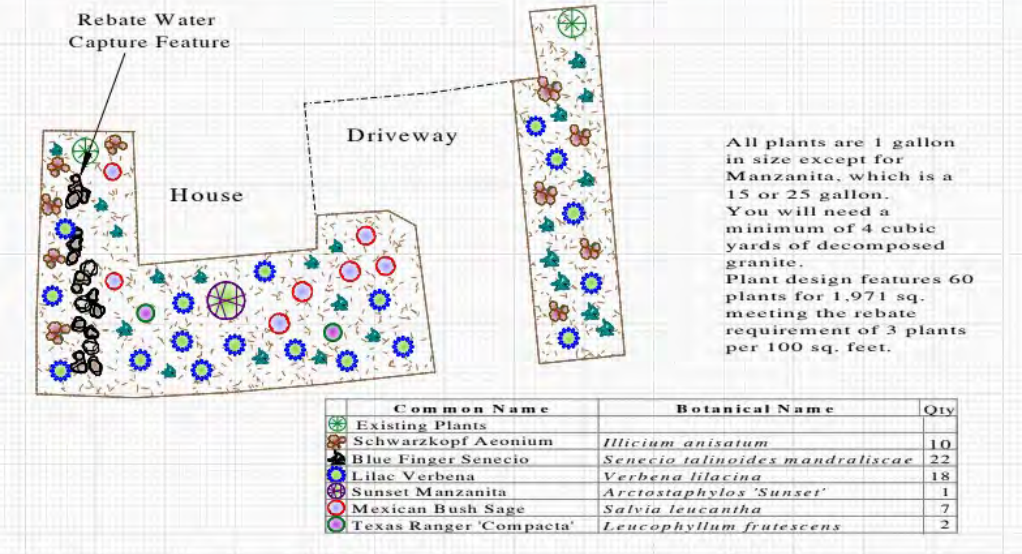
Riverside-Arlington Groundwater Well Project
Field verifying potential well site for test drilling

SAWPA Updates

Smartscape Program
August 2020

Example of Tasks

Custom Landscape Designs - WMWD

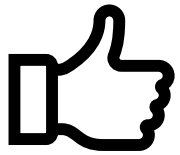


Inland Empire Grasses
Many grasses and grass-like plants thrive in our Mediterranean climate. Needing little water or care, these beautiful plants will provide you with year-round color and interest!

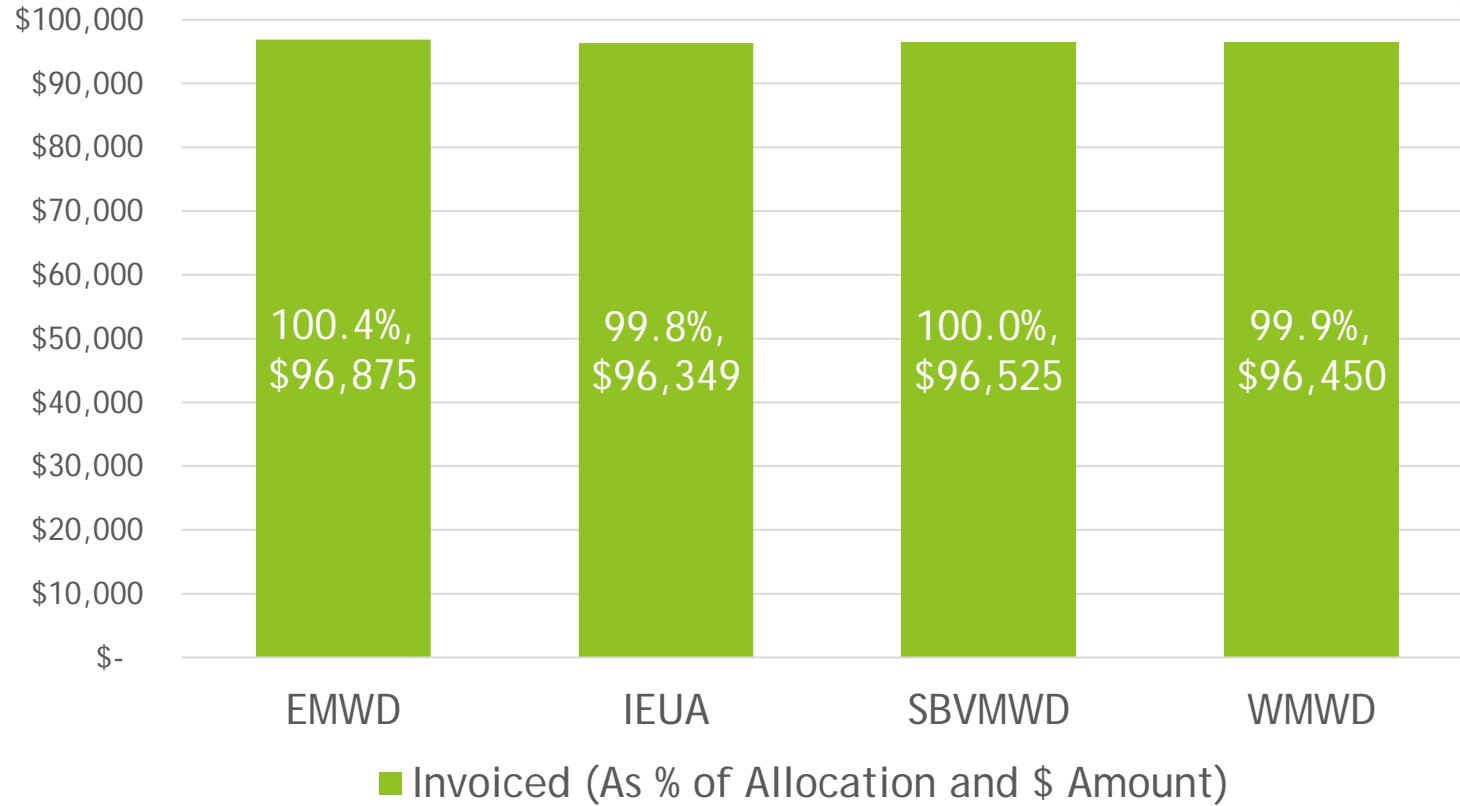
- 1 - Louis Edmunds Manzanita - *Arctostaphylos bakeri* 'Louis Edmunds'. This native shrub is a companion plant for grasses and attracts hummingbirds.
- 2 - Feather Reed Grass - *Calamagrostis x acutiflora* 'Karl Foerster'. Feather reed grass is most notable for its fall accent character.
- 3 - Berkeley Sedge - *Carex divulsa*. Mounding perennial grass-like plant with clumping growth and fine textured green leaves.
- 4 - Deer Grass - *Muhlenbergia rigens*. Long arching cream colored panicles provide a striking silhouette.
- 5 - Canyon Prince Wild Rye - *Leymus condensatus* 'Canyon Prince'. Native grass with distinctive blue-green foliage.
- 6 - Small Cape Rush - *Chondropetalum tectorum*. Clumping perennial with brown flower clusters adding interest and texture to the garden.



Smartscape Costs By Agency Allocation



Project Fully Implemented



Total = 386,199 Through June 2020

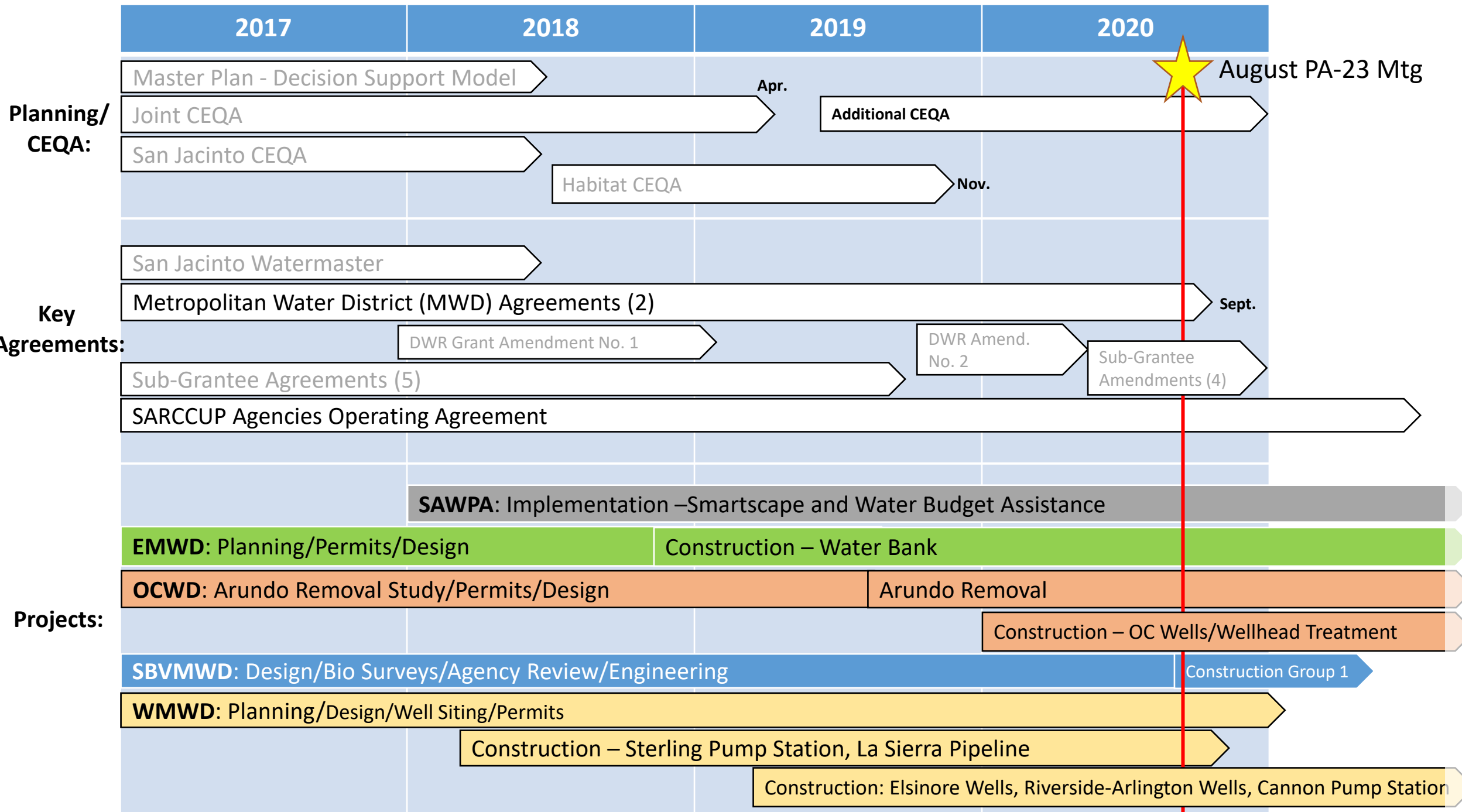
Note: Each agency was allocated \$96,509. SAWPA has small contingency to handle minor overages.

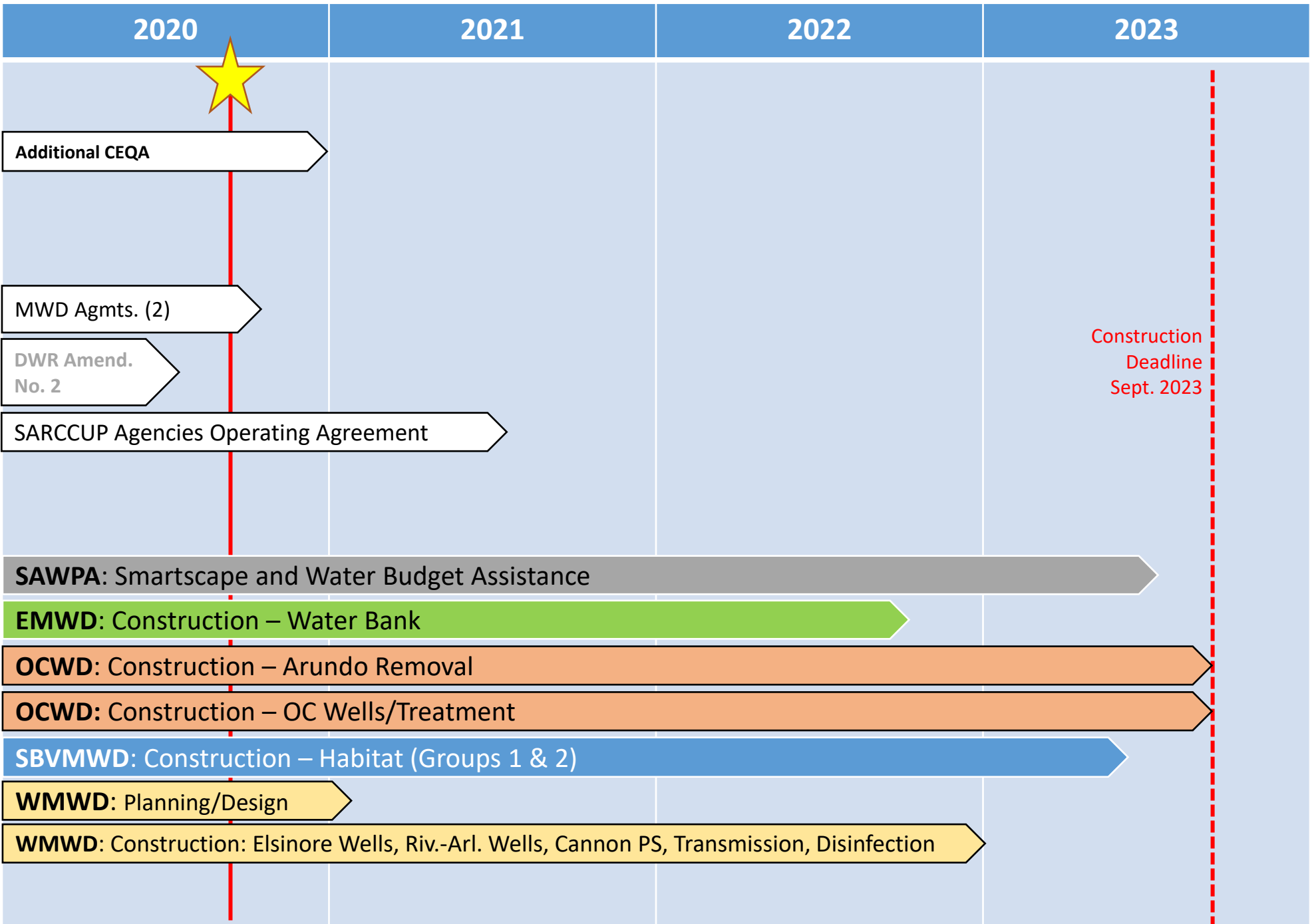


SARCCUP Schedule

Brian Dietrick, Woodard & Curran
PA 23 Committee | August 4, 2020
Item No. 4.B.







2020

2021

2022

2023

**Planning/
CEQA:**

Additional CEQA

**Key
Agreements:**

MWD Agmts. (2)

DWR Amend.
No. 2

SARCCUP Agencies Operating Agreement

Construction
Deadline
Sept. 2023

Projects:

SAWPA: Smartscape and Water Budget Assistance

EMWD: Construction – Water Bank

OCWD: Construction – Arundo Removal

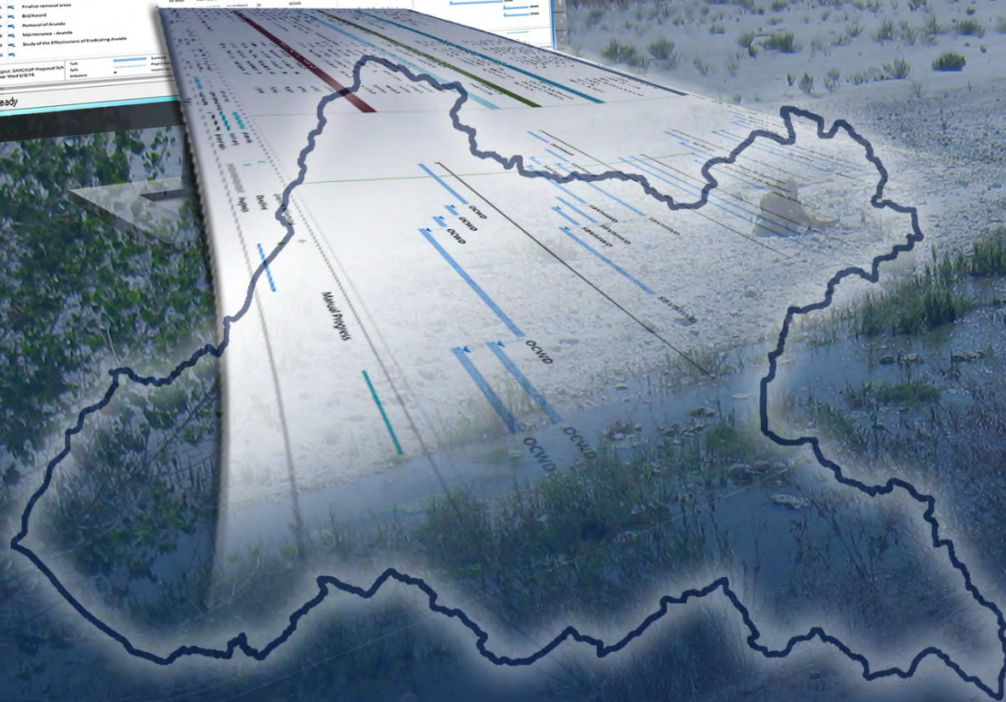
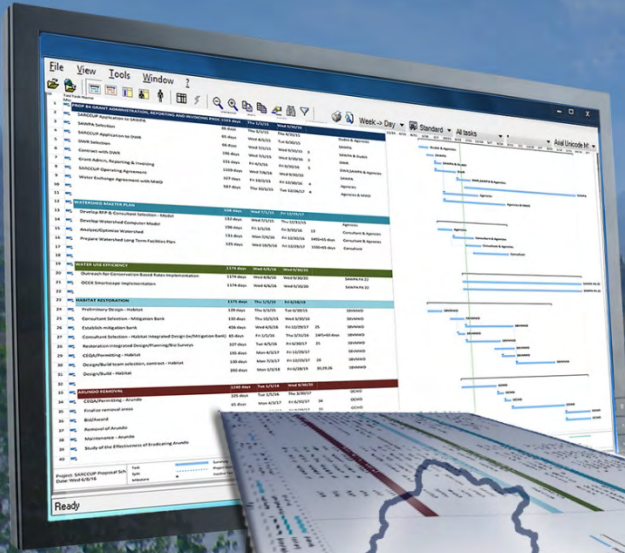
OCWD: Construction – OC Wells/Treatment

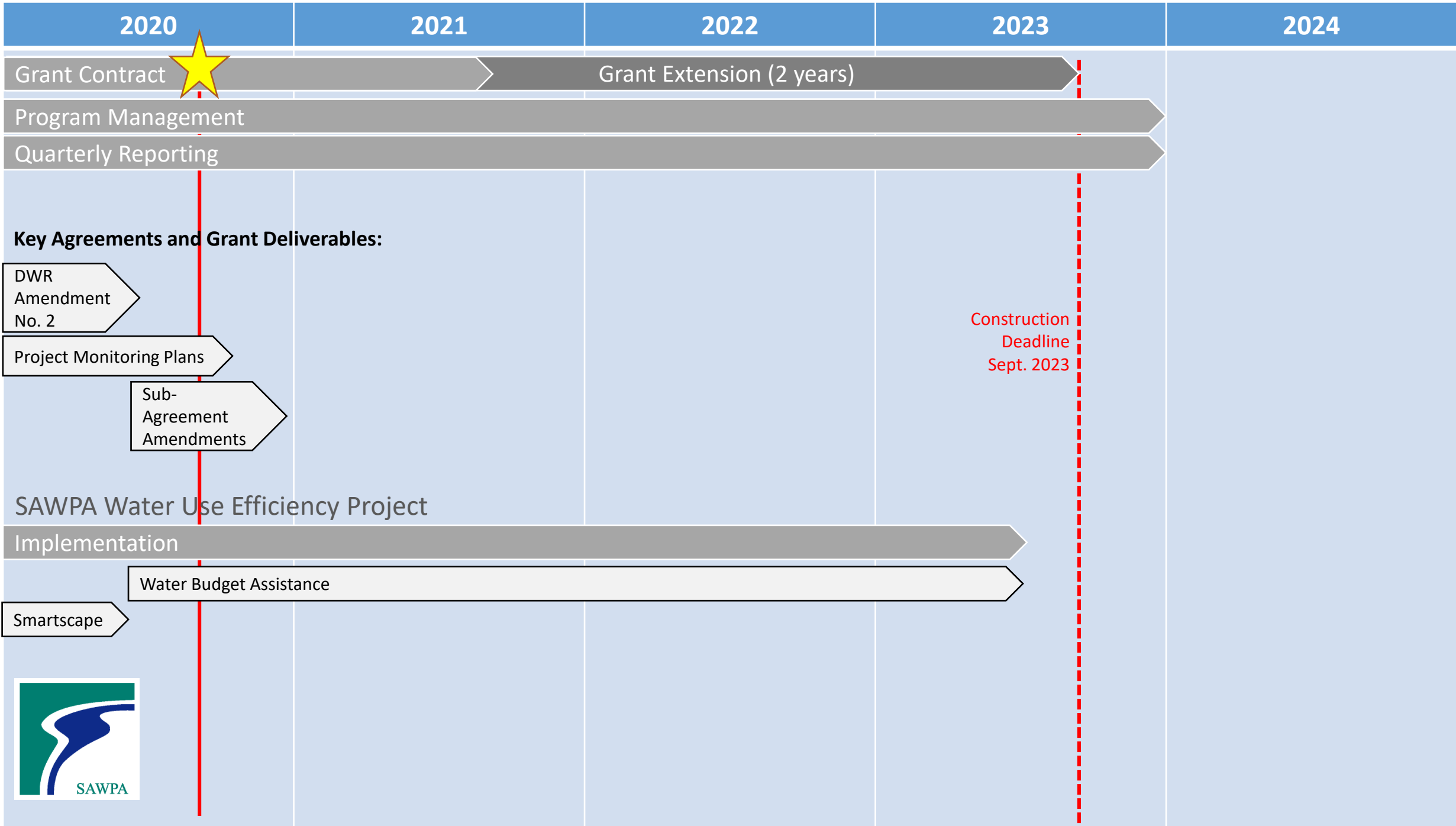
SBVMWD: Construction – Habitat (Groups 1 & 2)

WMWD: Planning/Design

WMWD: Construction: Elsinore Wells, Riv.-Arl. Wells, Cannon PS, Transmission, Disinfection

2020-2023 Agency Slides





DWR
Amendment
No. 2

Project Monitoring Plans

Sub-
Agreement
Amendments

Construction
Deadline
Sept. 2023

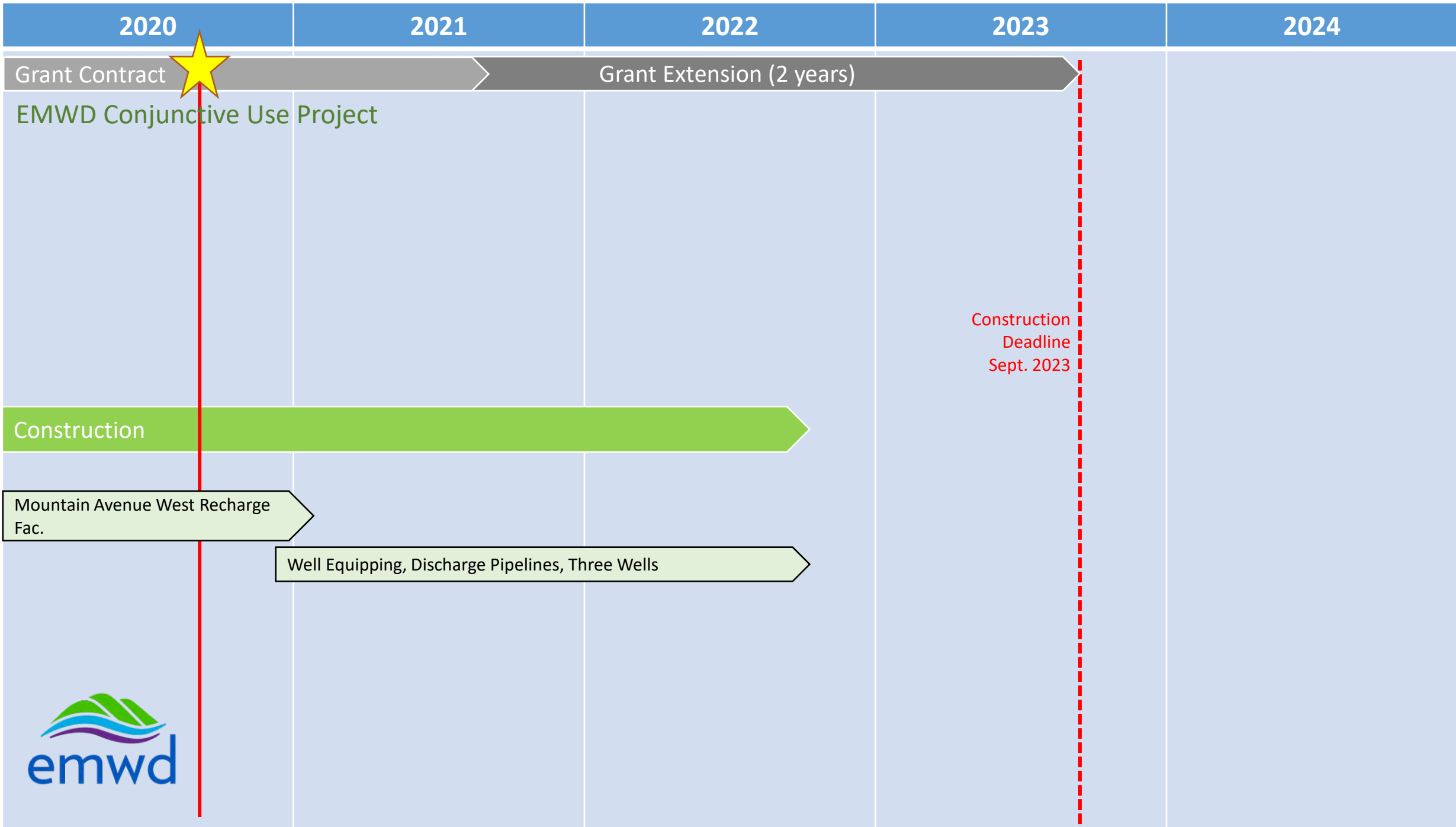
SAWPA Water Use Efficiency Project

Implementation

Water Budget Assistance

Smartscape





2020

2021

2022

2023

2024

Grant Contract

Grant Extension (2 years)

EMWD Conjunctive Use Project

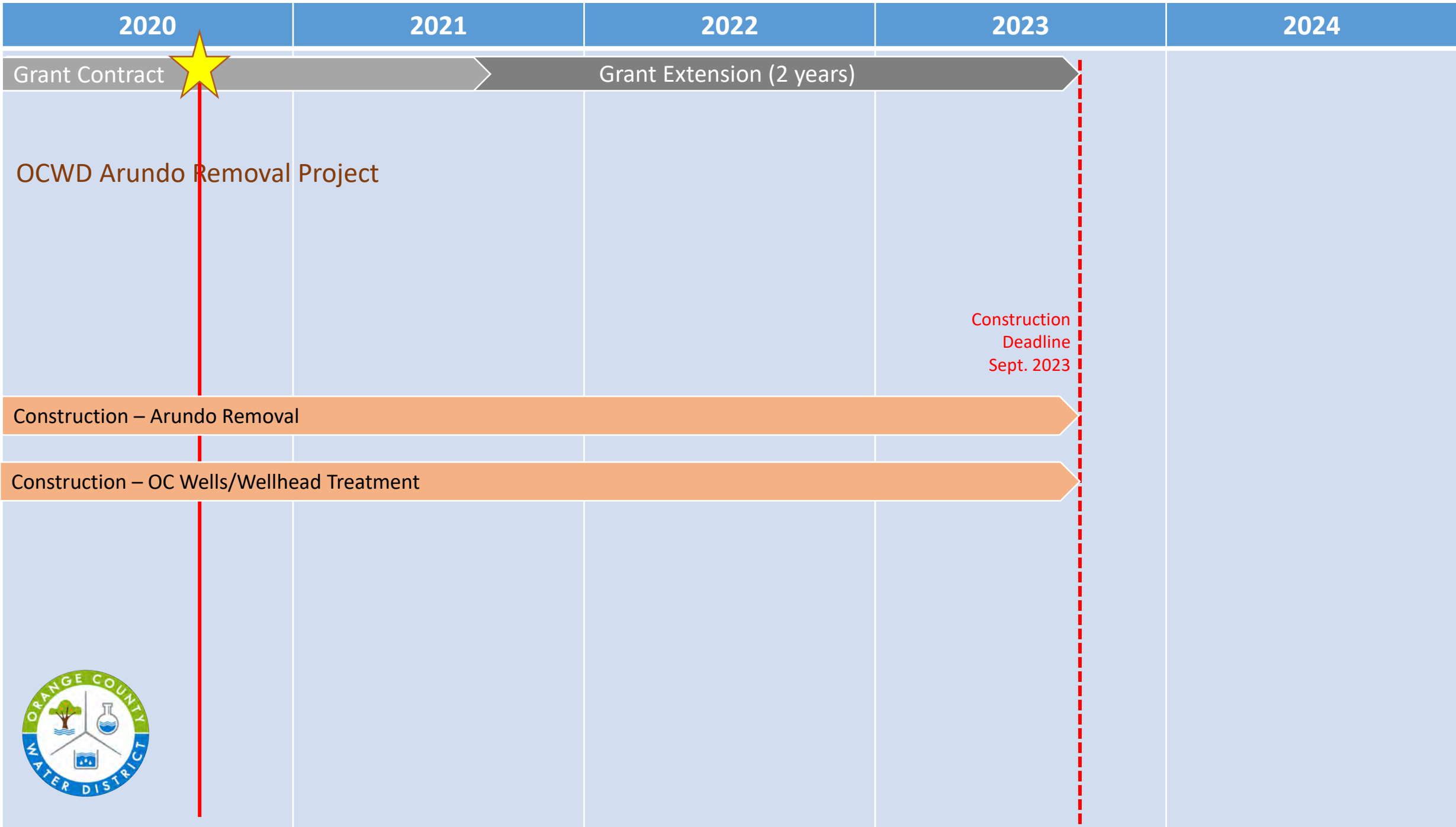
Construction
Deadline
Sept. 2023

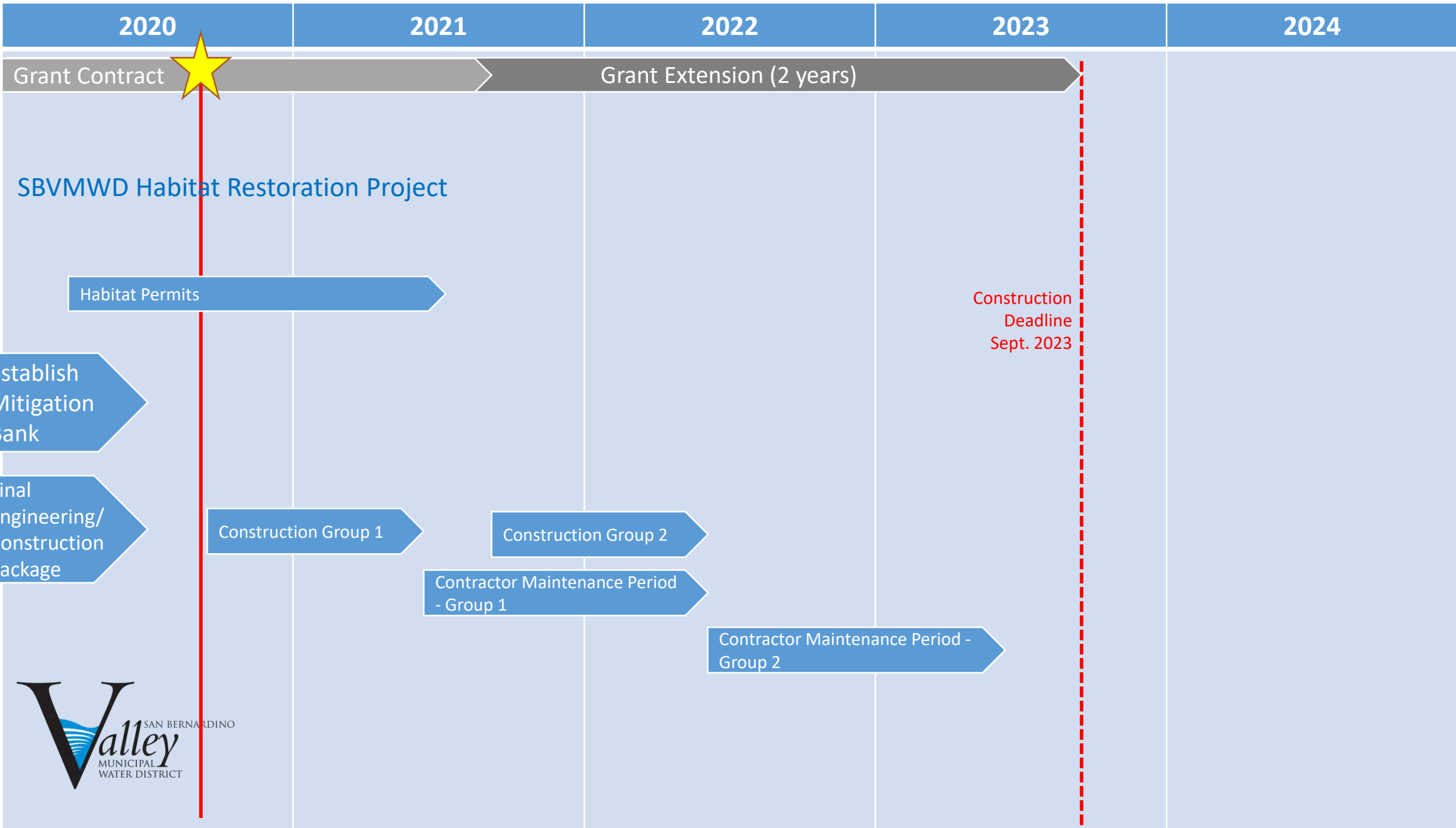
Construction

Mountain Avenue West Recharge
Fac.

Well Equipping, Discharge Pipelines, Three Wells







2020

2021

2022

2023

2024

Grant Contract

Grant Extension (2 years)

SBVMWD Habitat Restoration Project

Habitat Permits

Establish Mitigation Bank

Final Engineering/Construction Package

Construction Group 1

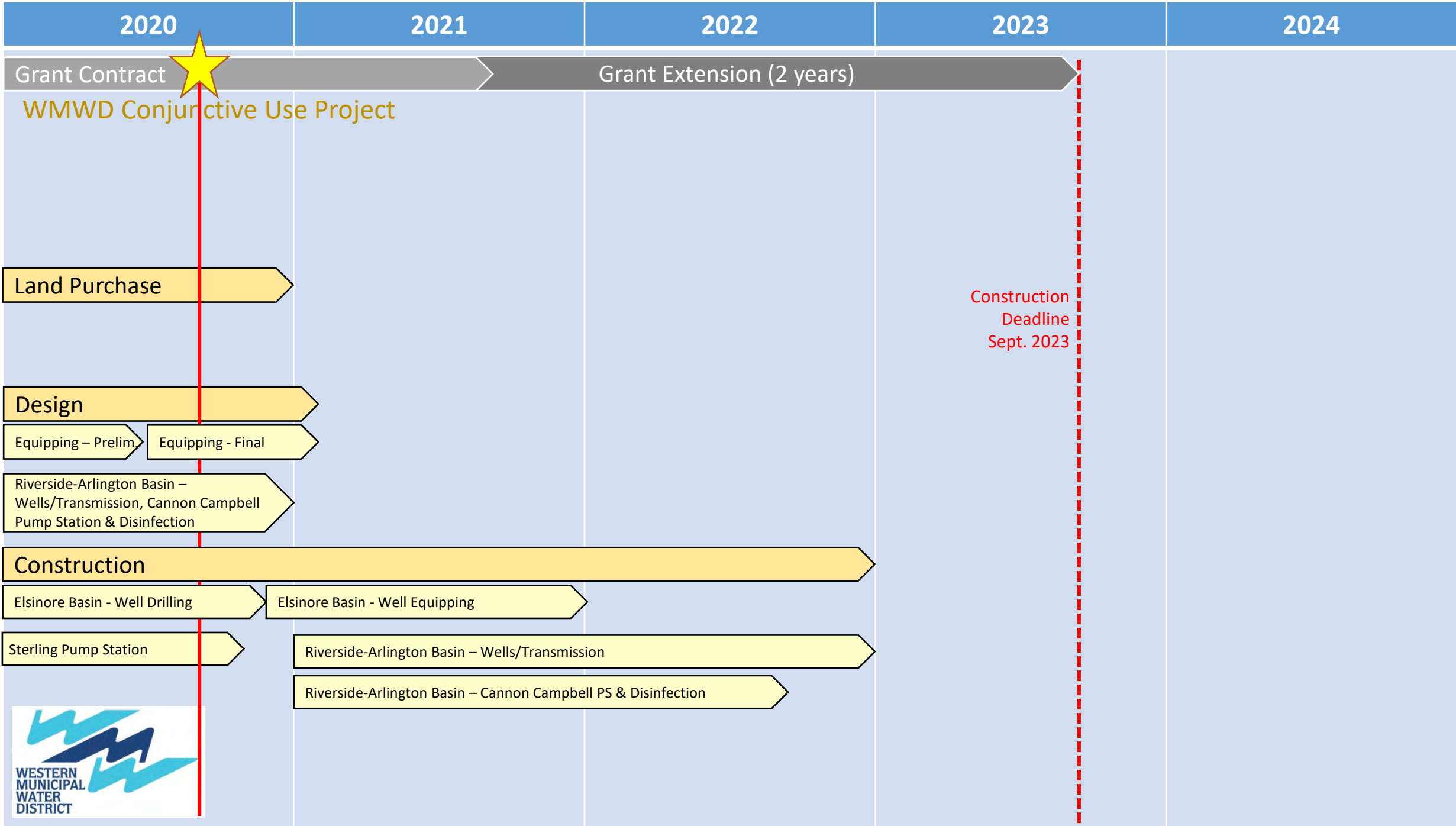
Construction Group 2

Contractor Maintenance Period - Group 1

Contractor Maintenance Period - Group 2

Construction Deadline
Sept. 2023







SARCCUP Grant Payment Updates

Mark Norton, Water Resources and
Planning Manager

PA 23 Committee | August 4, 2020

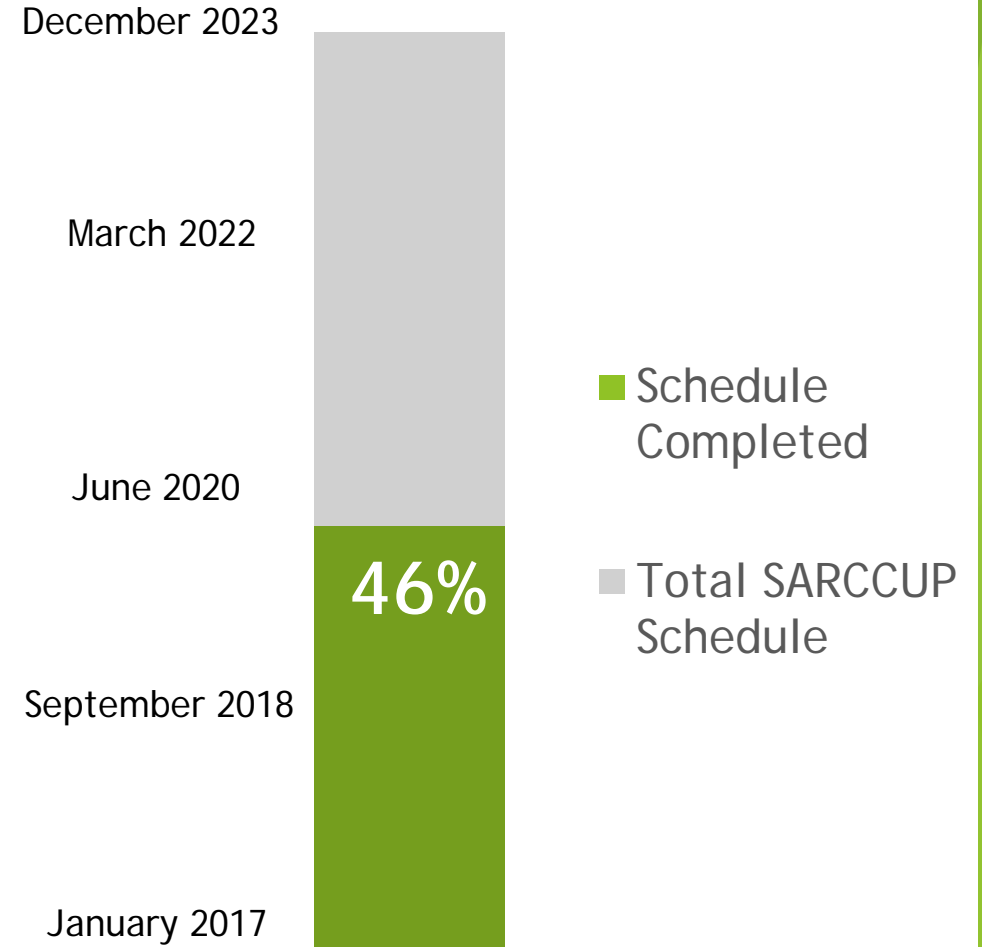
Item No. 4.C.



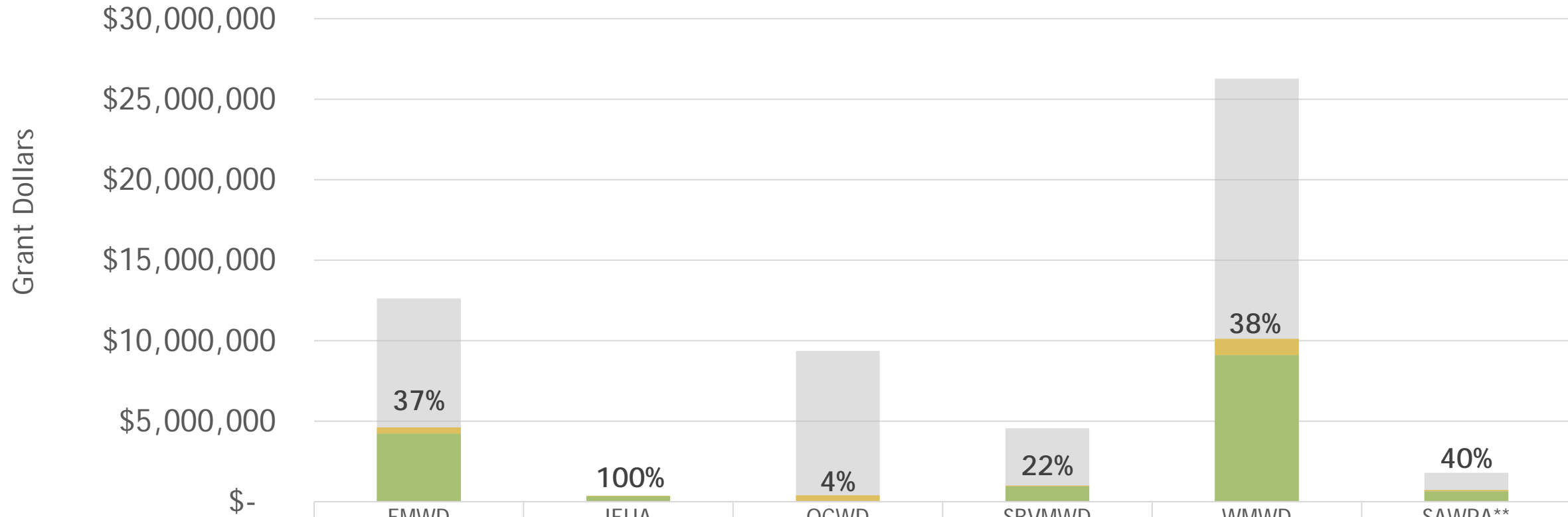
Background on Grant

- ▶ 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, 2020 (latest invoices received at time of publishing this agenda packet).
- ▶ As of March 31, 2020, the amount of grant invoiced is 31% of the total \$55M grant.

Percent Schedule Completed March 31, 2020



Grant Payment Status Through March 31, 2020 (Percent of Total Grant Invoiced Shown)

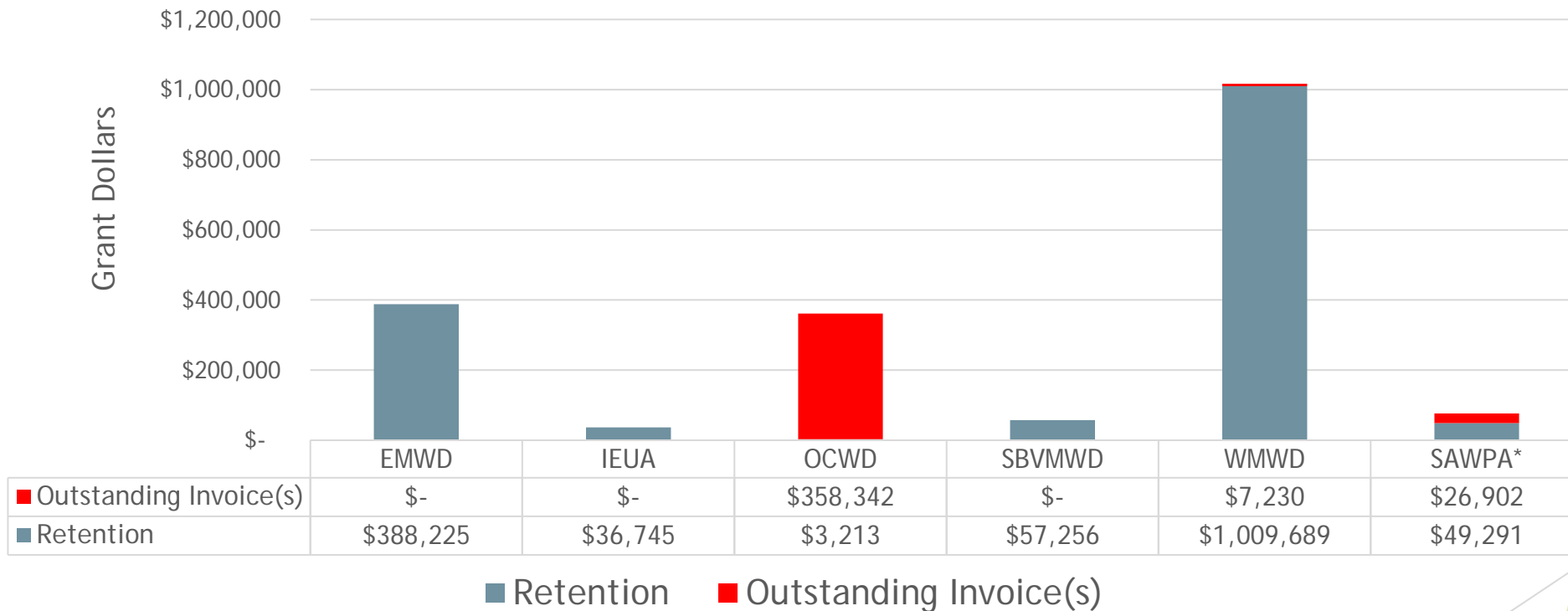


	EMWD	IEUA	OCWD	SBVMWD	WMWD	SAWPA**
■ Total Outstanding Grant Payments*	\$388,225	\$36,745	\$361,555	\$57,256	\$1,016,919	\$76,193
■ Grant Paid	\$4,226,531	\$330,706	\$28,917	\$942,516	\$9,094,915	\$643,536
■ Total Grant (Amendment No. 2)	\$12,621,835	\$367,968	\$9,368,344	\$4,565,932	\$26,283,723	\$1,792,199

*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 and Curran, Smartscape and Water Budget Assistance.

More Detail on Outstanding Grant Payments (Through March 31, 2020)



Note: Retention will be withheld by DWR until complete invoicing of overall SARCCUP Project (scheduled for December 2023).