



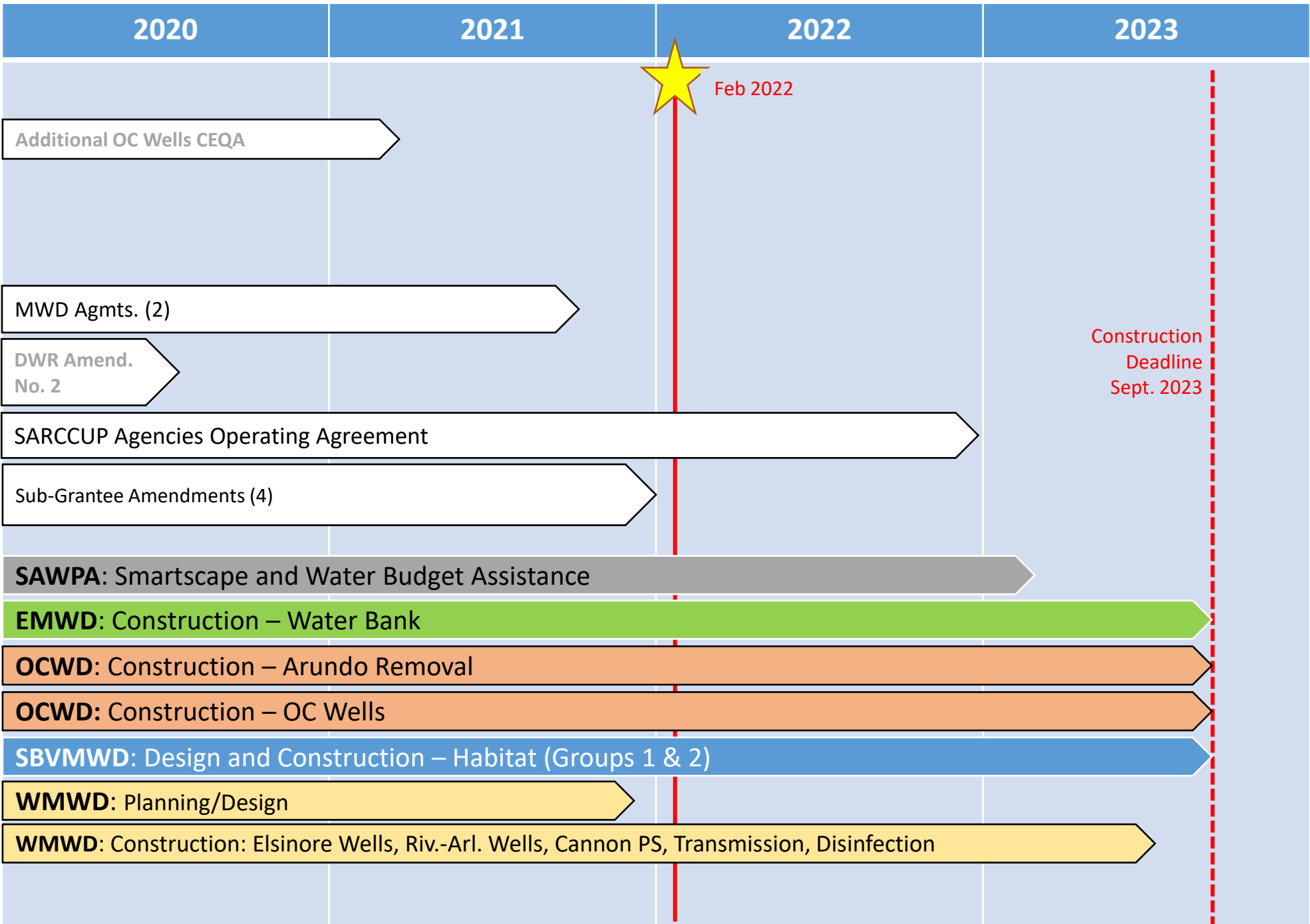
SARCCUP Schedule Overview

Brian Dietrick, Woodard & Curran

PA 23 Committee | February 1, 2022

Item No. 5.A.

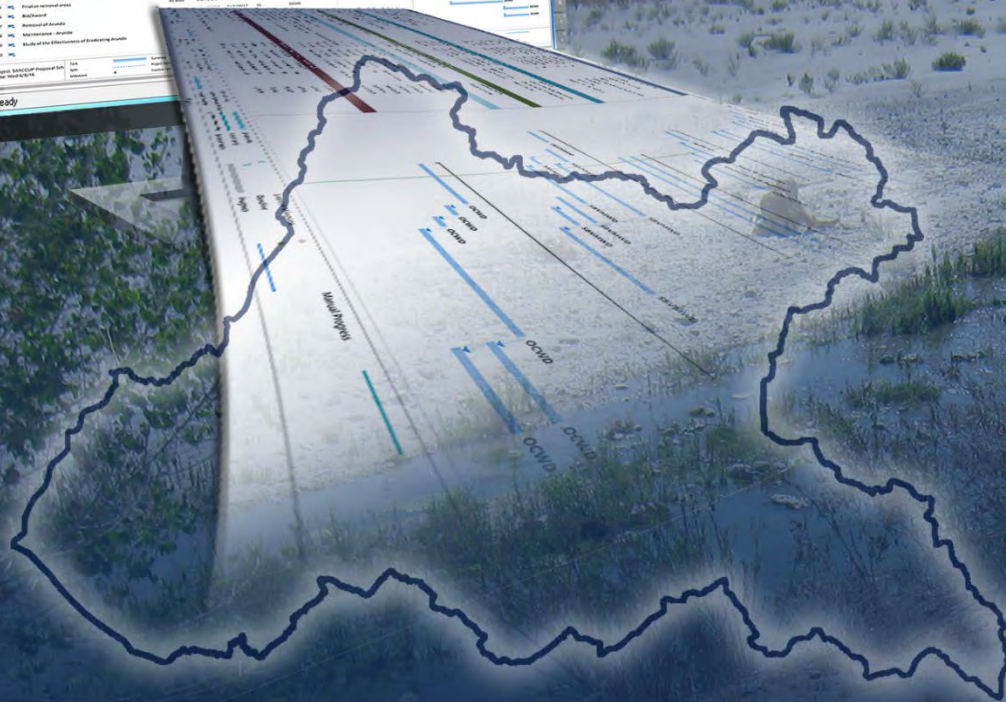
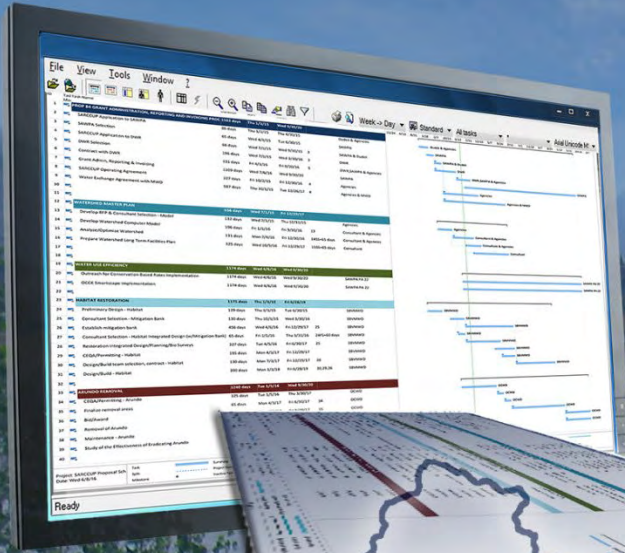


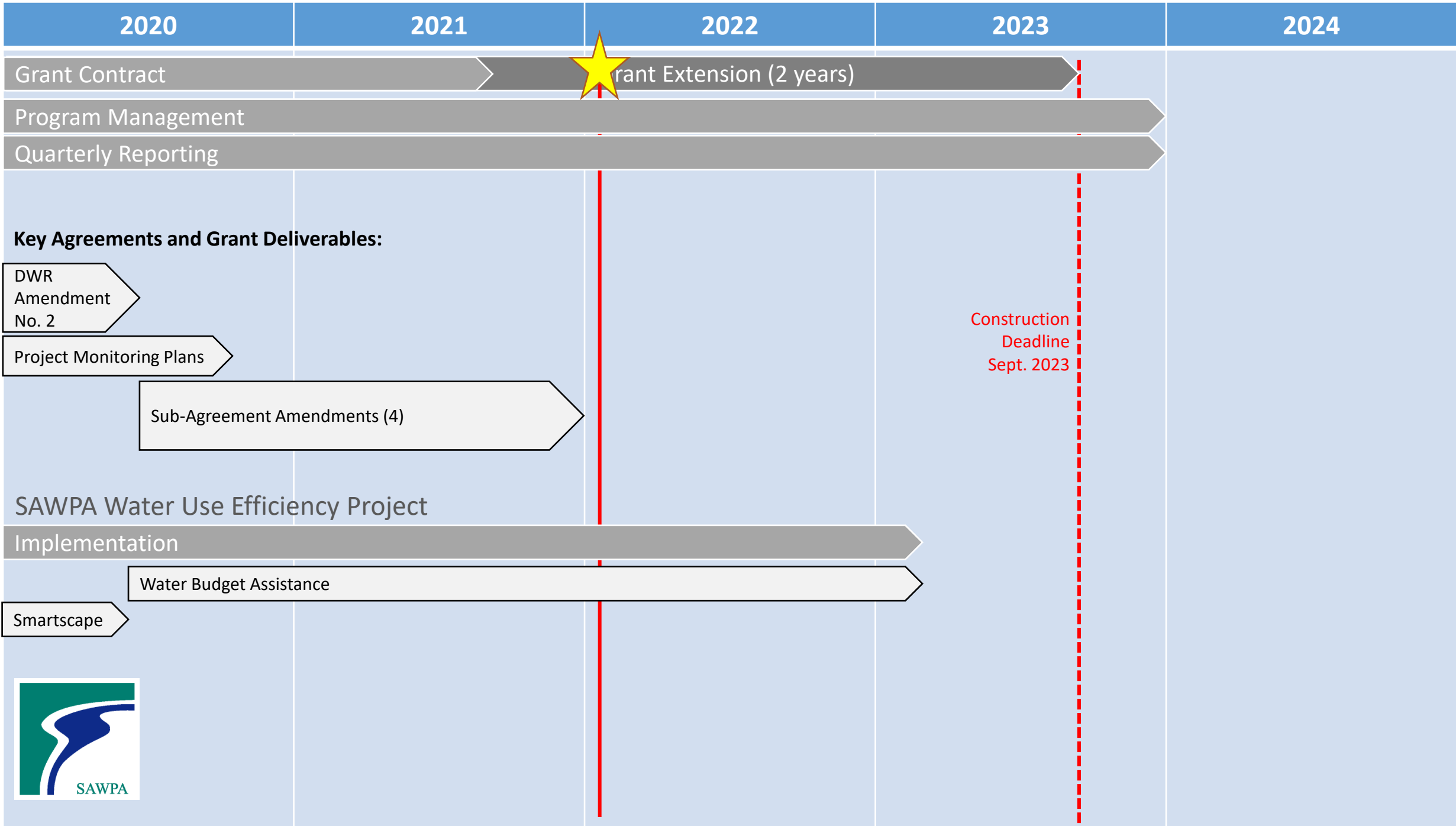


Feb 2022

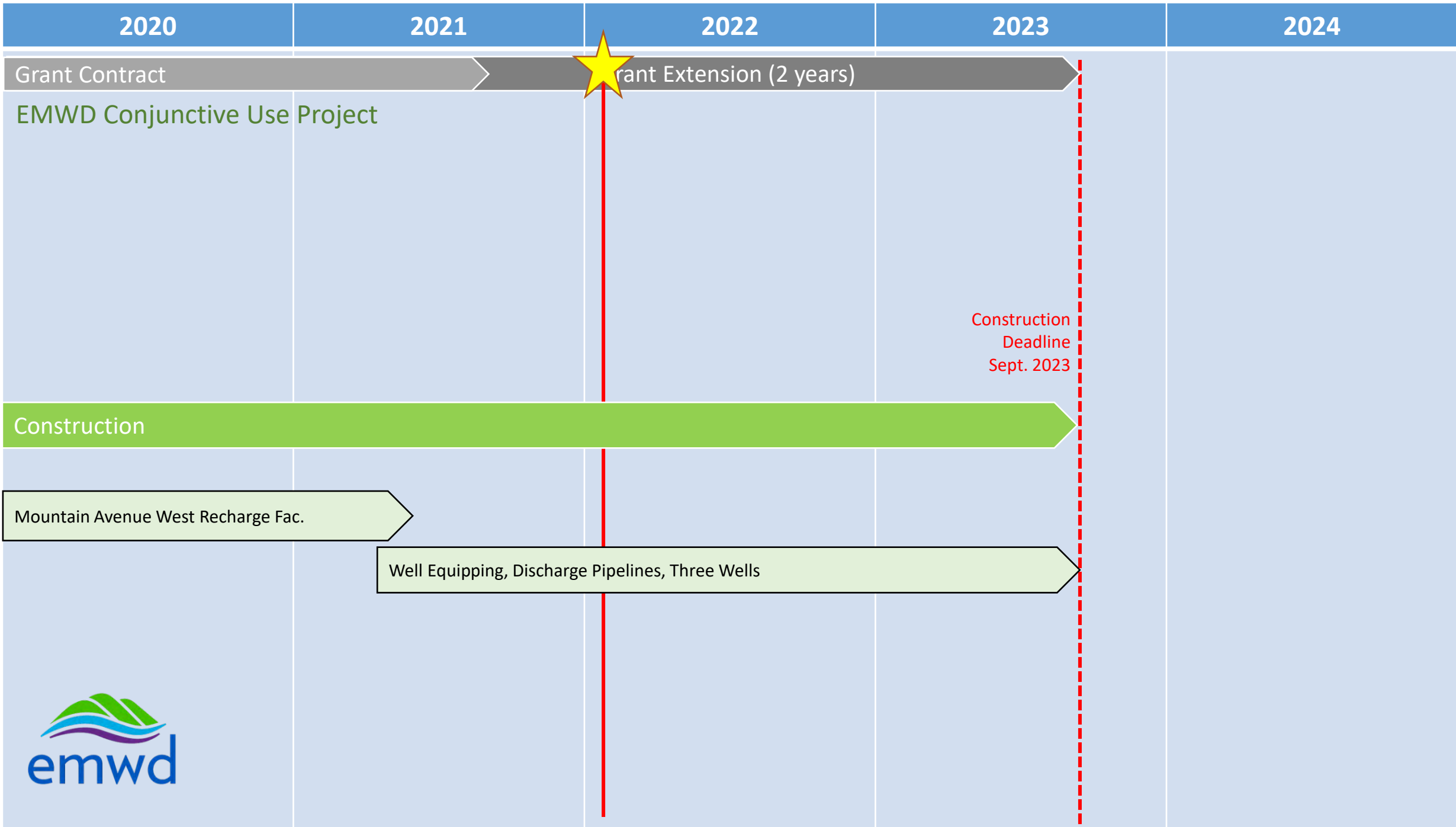
Construction
Deadline
Sept. 2023

2020-2023 Agency Slides





Construction
Deadline
Sept. 2023



2020

2021

2022

2023

2024

Grant Contract

Grant Extension (2 years)

EMWD Conjunctive Use Project

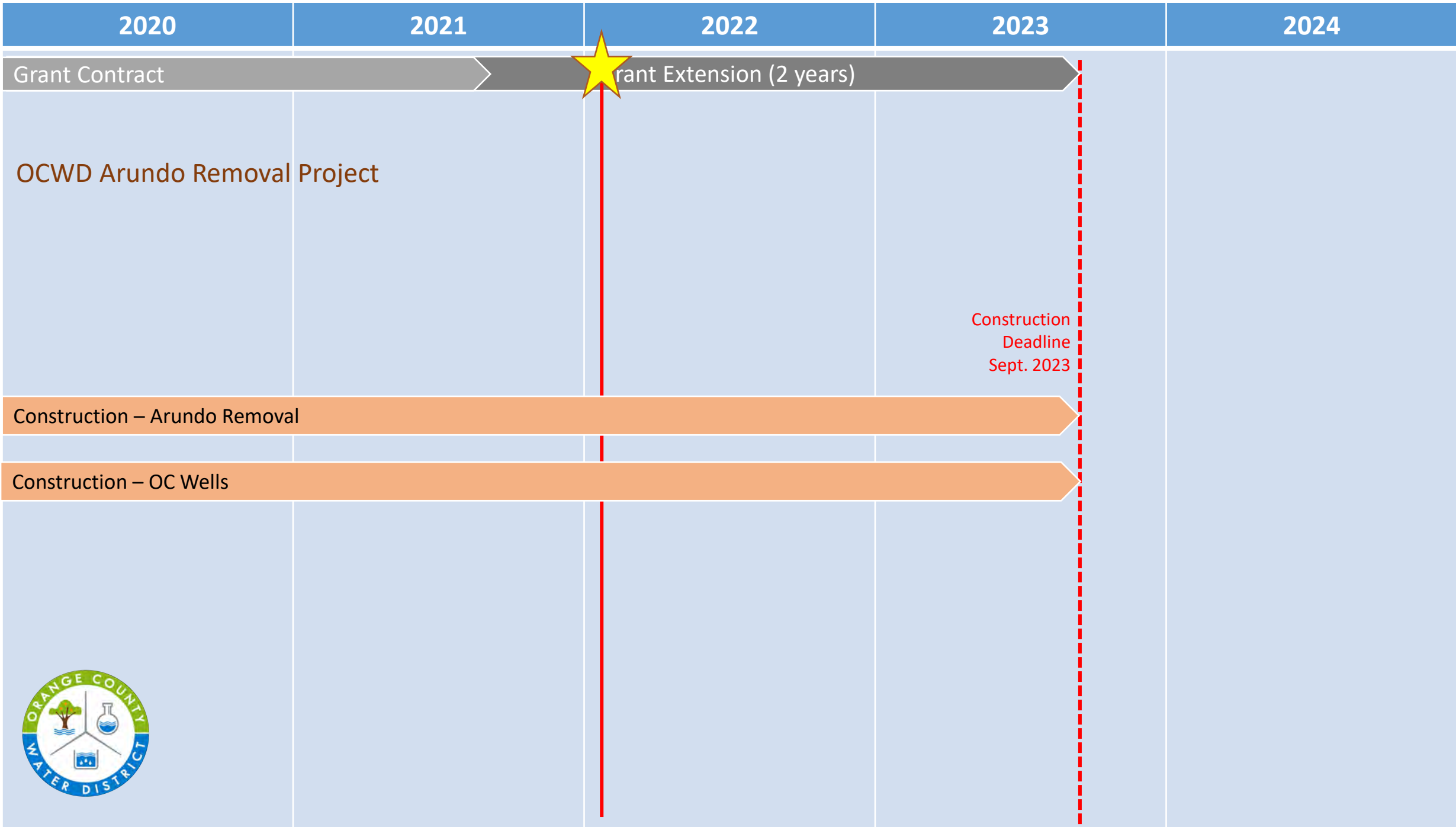
Construction
Deadline
Sept. 2023

Construction

Mountain Avenue West Recharge Fac.

Well Equipping, Discharge Pipelines, Three Wells






2020	2021	2022	2023	2024
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Grant Contract  Grant Extension (2 years) 



SBVMWD Habitat Restoration Project

Habitat Permits 

Establish Mitigation Bank 

Final Engineering/ Construction Package 1 

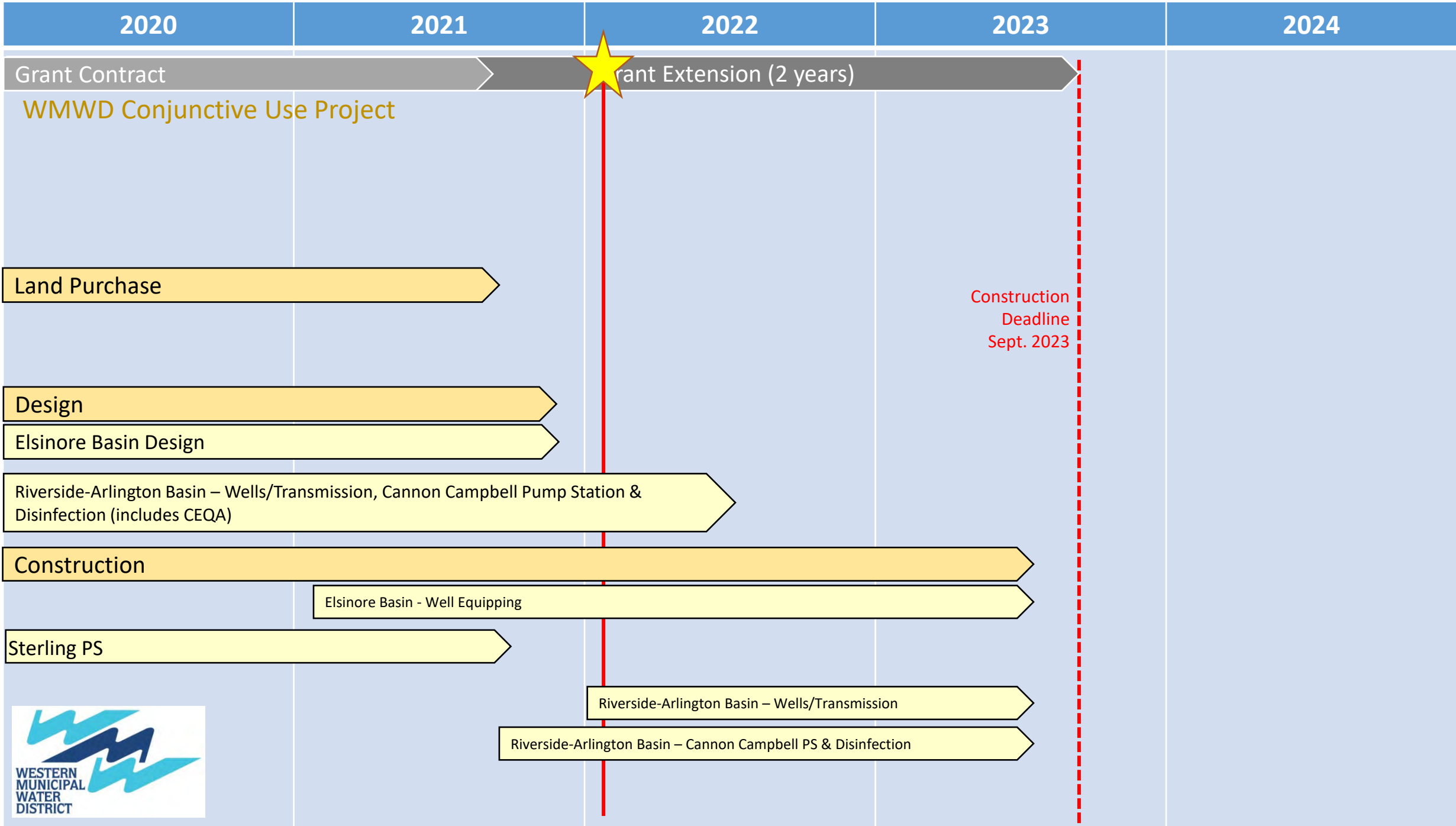
Construction Group 1 

Final Engineering/ Construction Package 2 

Construction Group 2 

Construction Deadline
Sept. 2023







SARCCUP

SARCCUP Project Updates

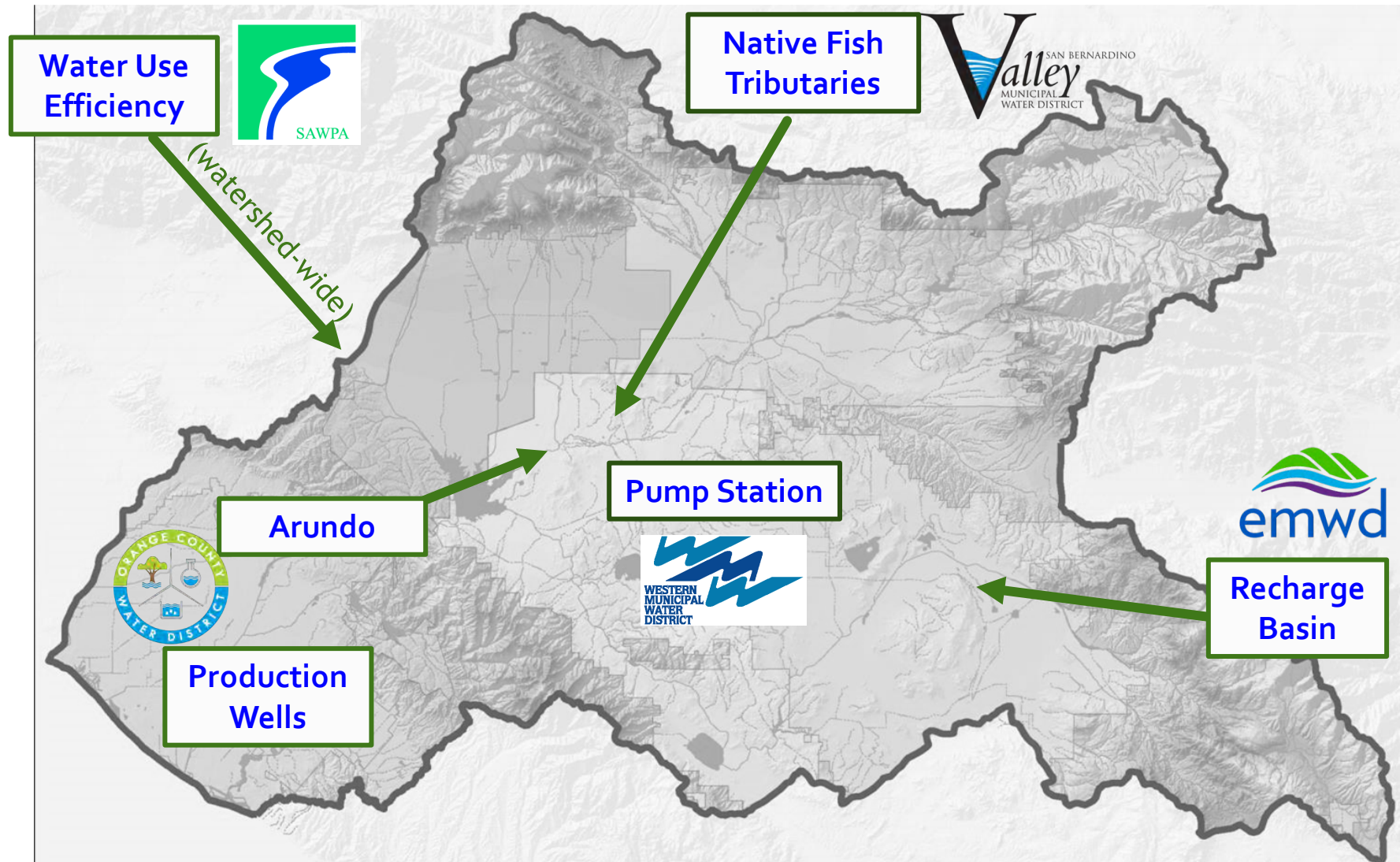
SAWPA Member Agencies & SAWPA

PA 23 Committee | February 1, 2022

Item No. 5.B.



SARCCUP Project Update Locations



EMWD Updates



San Jacinto Groundwater Basin Facilities

Wells 201, 202, & 203 Phase 1B Conveyance Pipelines

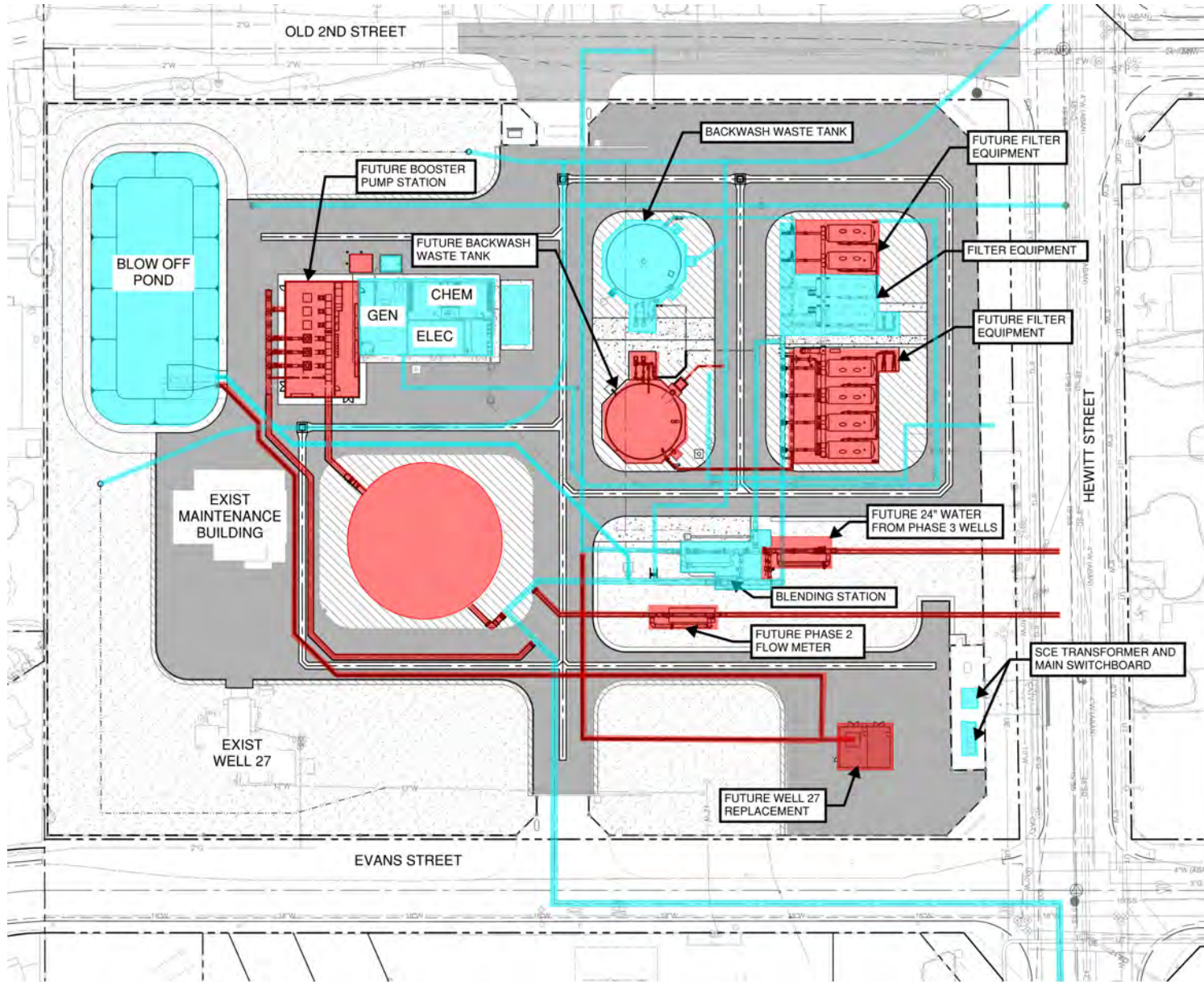


Wells 201, 202, 203, & 205 Equipping





- Contractor working on underground piping and site grading
- Contract states wells 201/202 to be completed first, then 203 and finally 205
- Estimated Overall Construction Completion in late 2023

Hewitt and Evans Groundwater Treatment Facility



- ▶ 100% Design Review Workshop completed last week
 - ▶ Spec Review to follow
- ▶ Anticipate final bid documents in late February 2022
- ▶ Anticipate Award of Contract in late spring/early summer 2022
- ▶ Estimated Construction Completion in early 2024

 Phase 1 (Current)
 Phase 2 (Future)

WMWD Updates



Sterling Pump Station

Sterling Pump Station

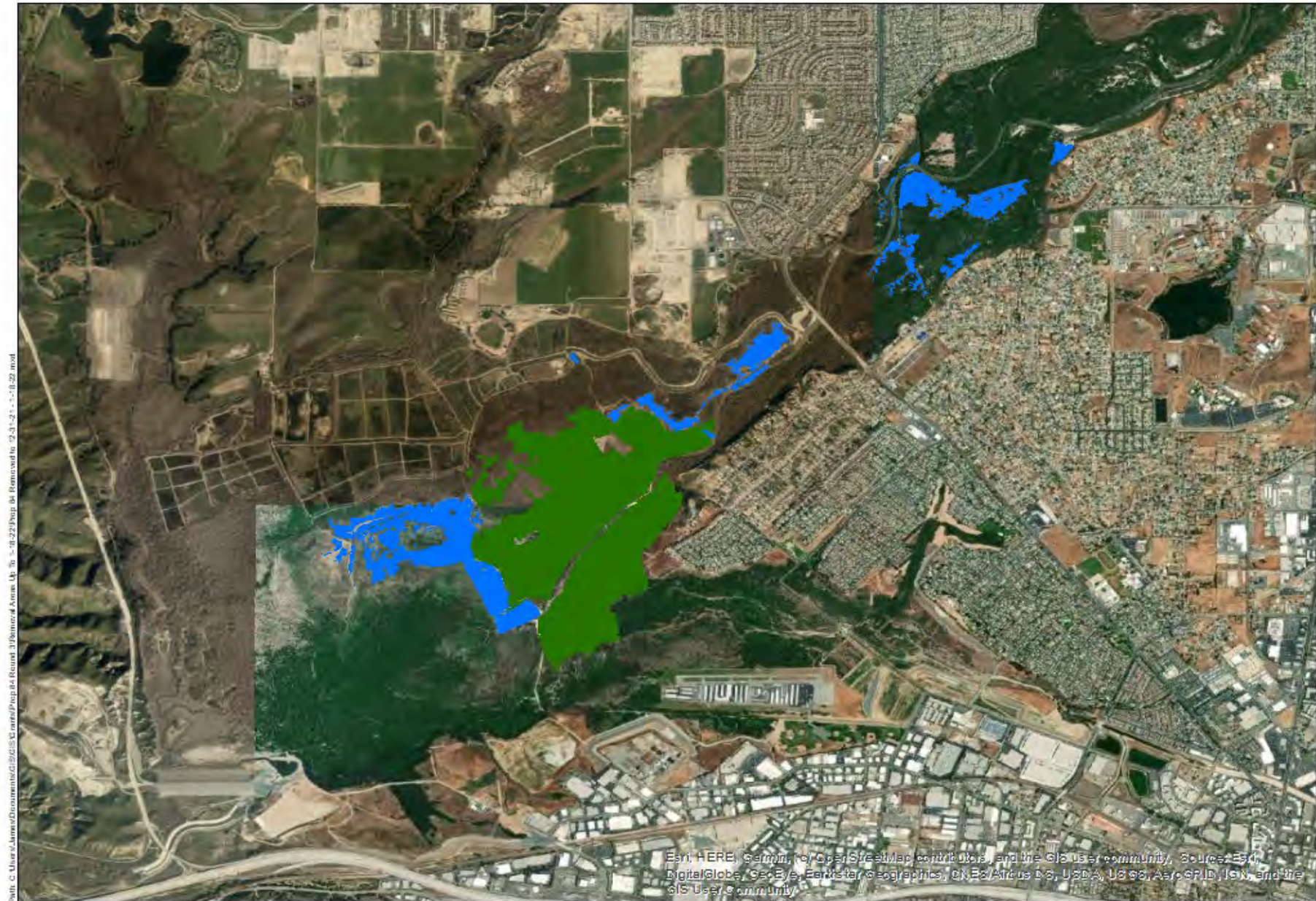


OCWD Updates



Arundo and Production Wells

The target of 640 acres of Arundo Donax removed and under treatment has been reached. Additional removal is now underway.



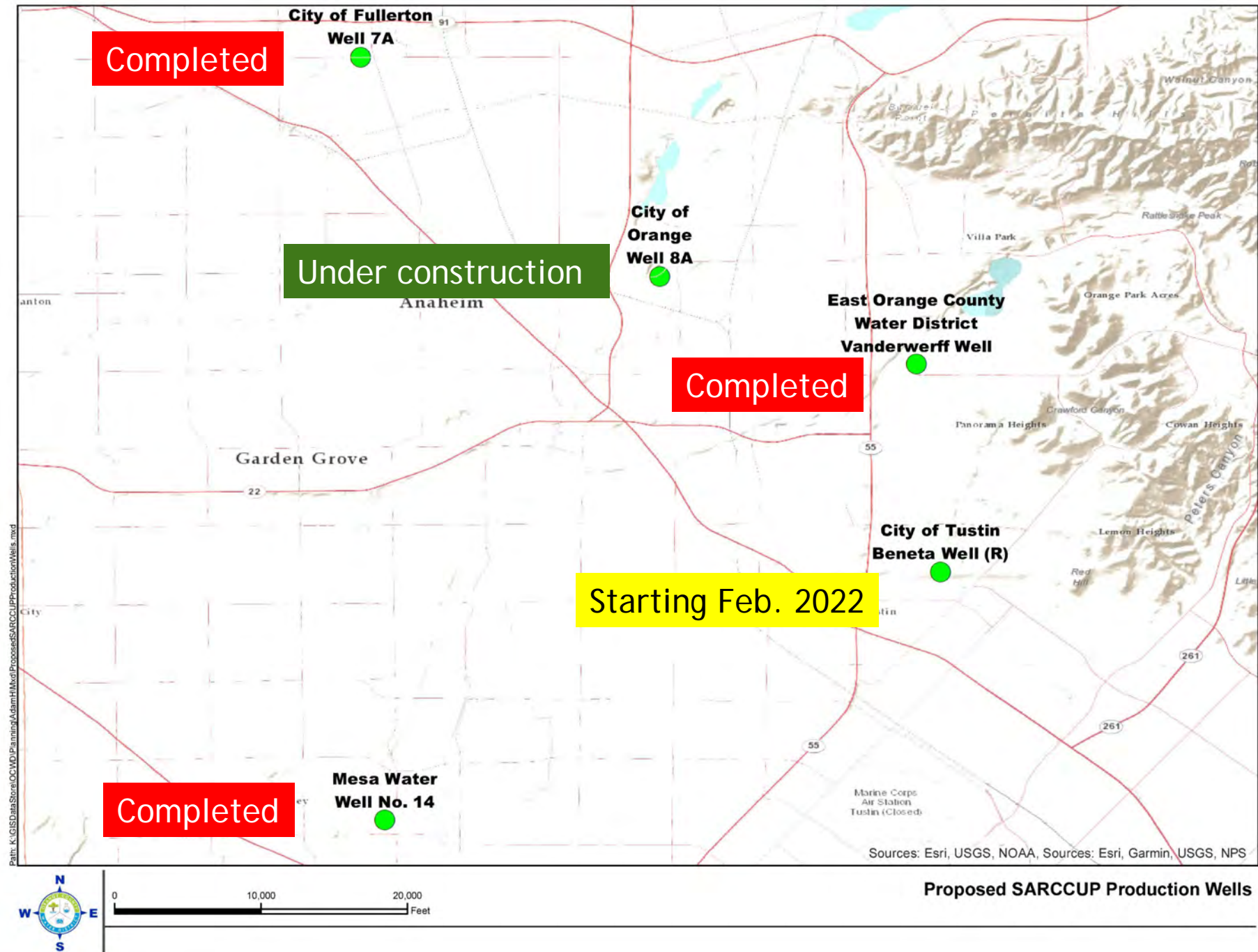
Arundo Removed & Under Treatment - 240 Acres
Prado Fire - Burned and Being Treated - 400 Acres

1,250 625 0 1,250 Meters

NAD 83
1/18/2022 JL
SARCCUP Removal
Map produced by OCWD/SAWA

Five new production wells are being constructed for SARCCUP.

Completed wells are in various stages of equipping.



City of Orange Well



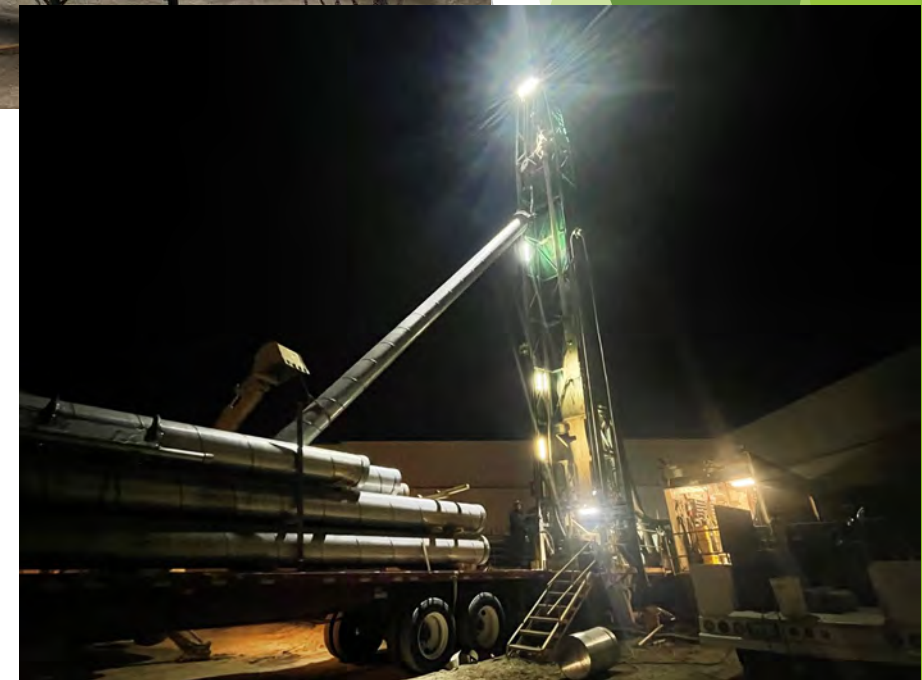
Well location



Well drilling



Conductor casing installation



Well construction

East Orange County Water District Well



Well drilling



Well construction completed

SBVMWD Updates



Santa Ana Sucker Habitat

Tributary Restoration Projects

▶ Phased Implementation

▶ Phase 1: Hidden Valley and Anza Creeks

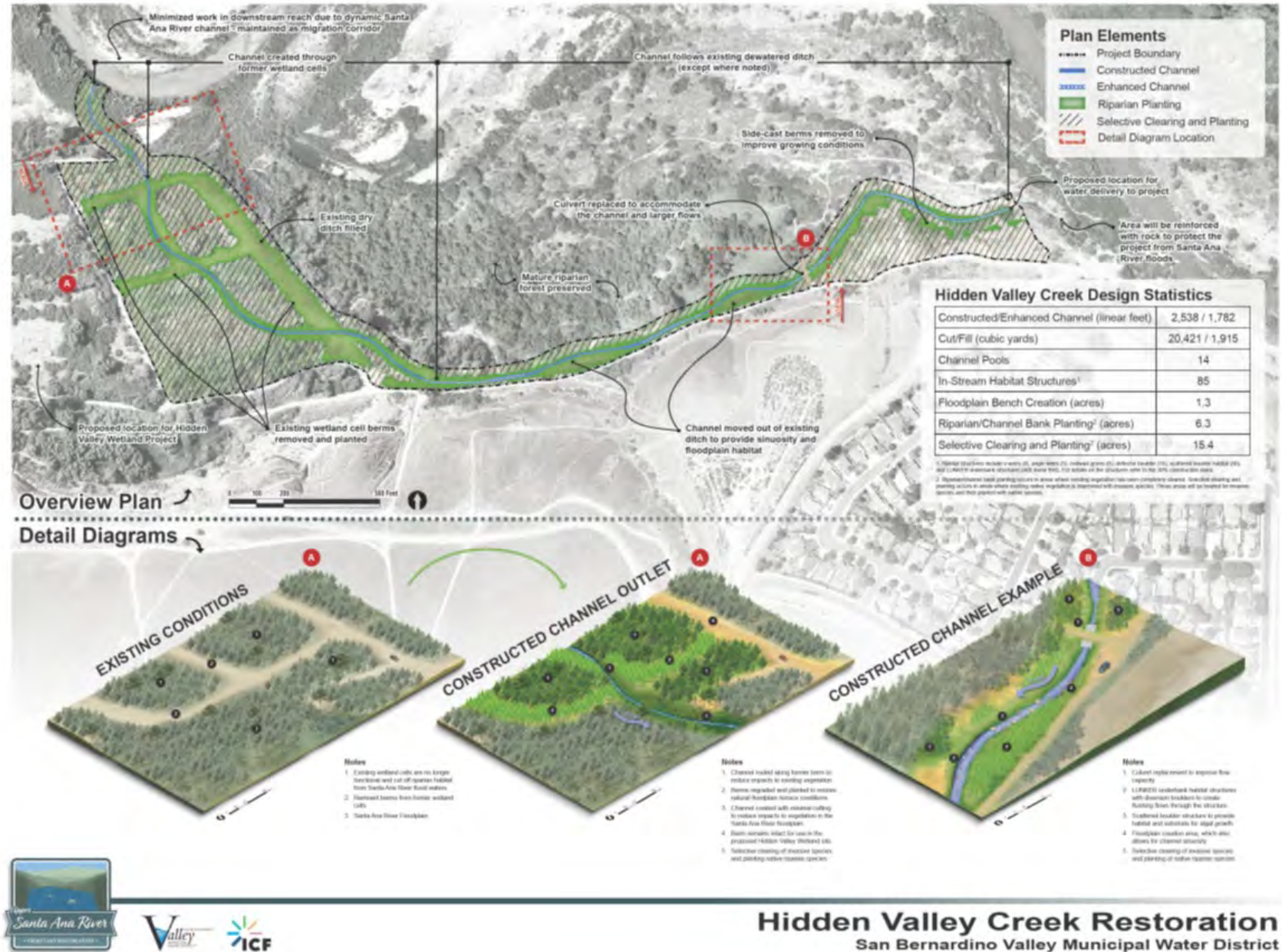
- ▶ 100% Designs
- ▶ Appraisals Complete
- ▶ Site Preparation: Start Winter 2022
- ▶ Seed Collection and Plant Propagation Ongoing
- ▶ Construction: Winter 2022 - Fall 2023
- ▶ Start Monitoring and Adaptive Management: Summer 2022

▶ Phase 2: Lower Hole and Old Ranch Creeks

- ▶ 30% Designs
- ▶ Construction: Fall 2022 - Fall 2023
- ▶ Start Monitoring and Adaptive Management: Fall 2023

- CEQA
 - Completed for all four restoration sites
- Permitting
 - Phase 1 Sites
 - LSAA (CDFW):
 - Anza: Complete
 - Hidden Valley: Complete
 - CWA Section 401 Compliance (RWQCB)
 - Anza: Complete
 - Hidden Valley: Complete
 - CWA Section 404 Compliance (USACE)
 - Anza: In Progress
 - Hidden Valley: Complete
 - Phase 2 Sites
 - Drafting Permit Applications

Example of Tributary Restoration



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



* Senate Bill 606 and Assembly Bill 1668

Latest Progress with Retail Partners in Upper Watershed

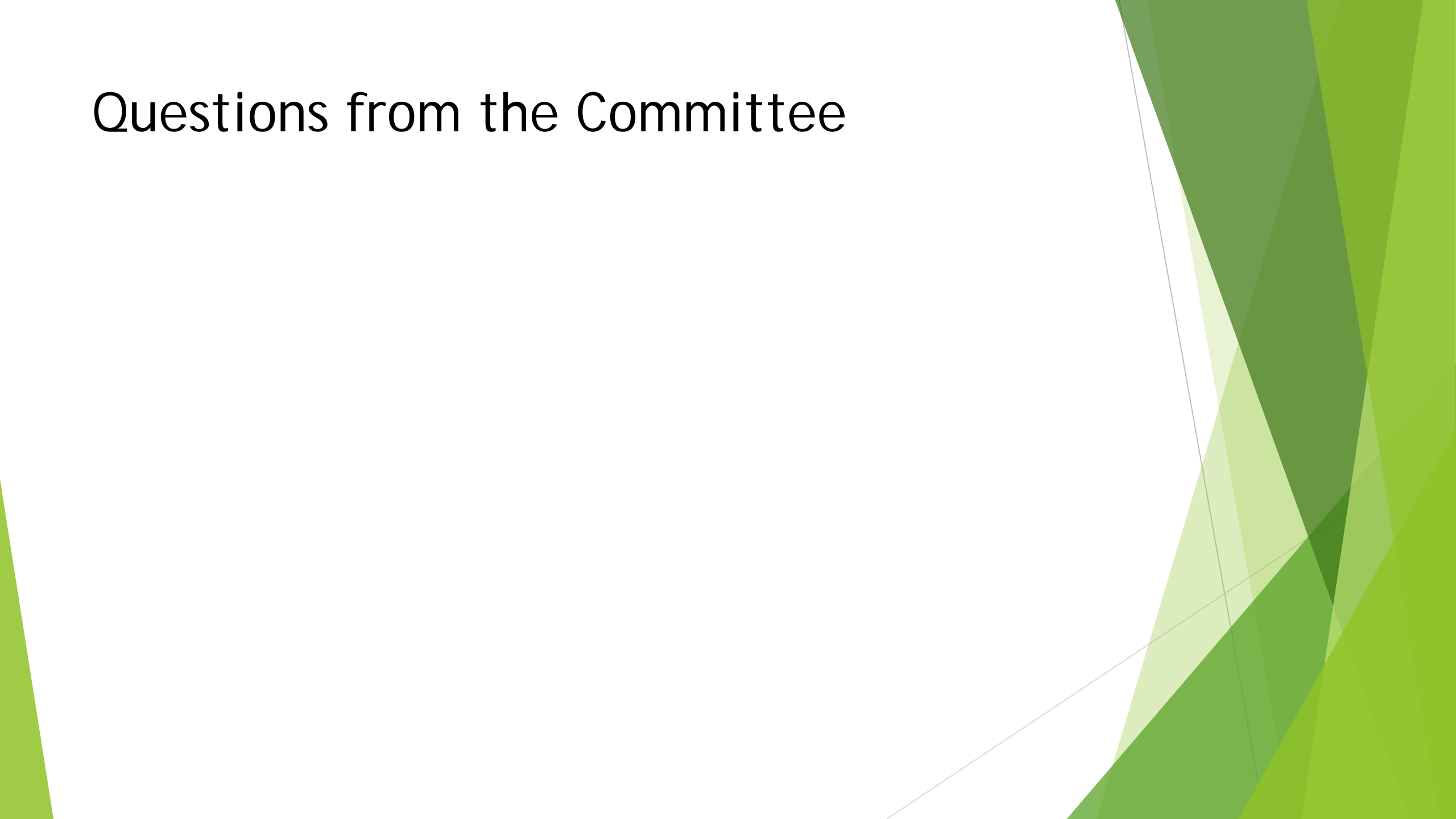
Agency Who Has Signed MOU	MOU Signature Date	Status Updates
Chino Hills	Nov 2, 2021	City staff is providing SAWPA consultant with their recycled customer data soon for their city-maintained properties.
Hemet	Aug 19, 2021	SAWPA consultant waiting on a full-year of consumption data, once received they will then prioritize Hemet's customers for analysis.
Monte Vista Water District	June 29, 2021	SAWPA consultant is currently grouping meters into individual customers.
Perris	Aug 9, 2021	City staff to provide billing dataset to SAWPA consultant for their 55 dedicated landscape meters.
Riverside Public Utilities	June 29, 2021	Consultant prioritized customers based on high consumption use. NV5 currently calculating meter service areas for high consumption customers.
San Bernardino Municipal Water Dept.	Nov 10, 2021	Had kick-off meeting with SBMWD staff. City staff has provided GIS data to SAWPA consultant but is still compiling water usage data.

Update with OC Partners

- ▶ The cities of Brea, Fountain Valley and Newport Beach, Orange, and Seal Beach have signed project agreements with MWDOC,
 - ▶ These five cities will all likely be included in Project as their amount of dedicated irrigation meters can be covered by SARCCUP grant/match funding,
- ▶ Each city has had, or is planning, kick off meetings with MWDOC and their consultant,
- ▶ Brea's analysis has started, and Fountain Valley's analysis is underway soon.



Questions from the Committee





SARCCUP Grant Payment Updates

Ian Achimore, Senior Watershed
Manager

PA 23 Committee | February 1, 2022

Item No. 5.C.

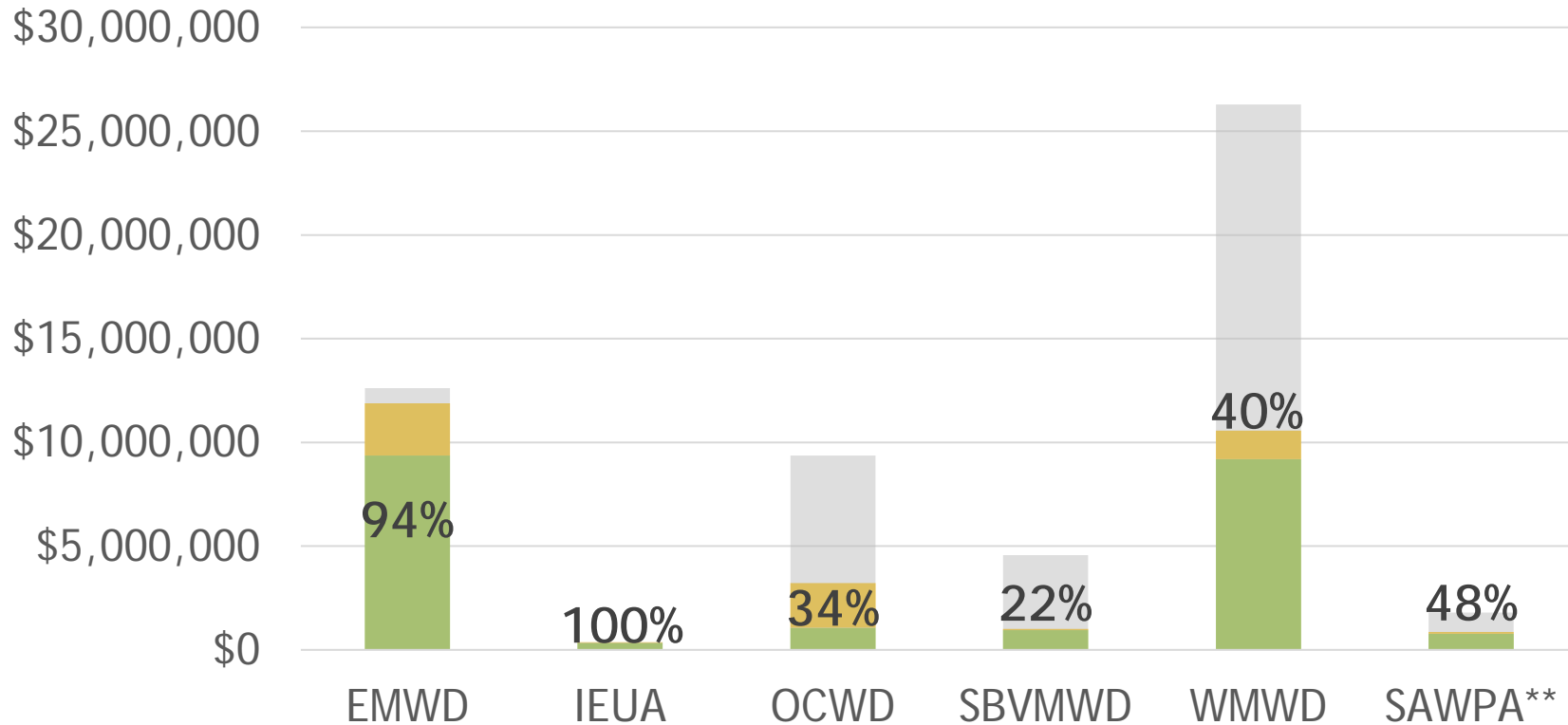


Background on Grant

- ▶ 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 **September 30, 2021** (latest invoices received at time of publishing this agenda packet).
- ▶ As of **September 30, 2021**, the amount of grant invoiced is 51% of the total \$55M grant.



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



Notes:

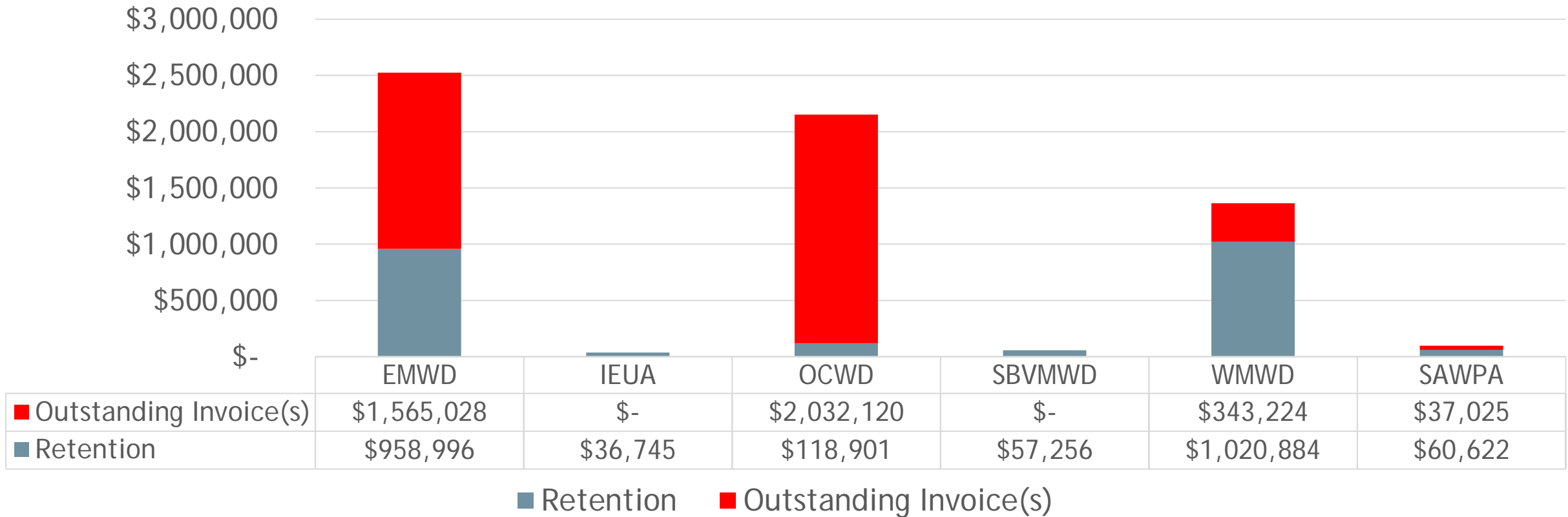
*Payment outstanding due to 10% retention withheld on each grant amount included in invoice, or lag in payment from last quarter's invoice.

**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*	\$2,524,023	\$36,745	\$2,151,020	\$57,256	\$1,364,107	\$97,647
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 September 30, 2021)



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**.