

# SARCCUP Project Management Services - Consultant Support

Ian Achimore, Senior Watershed Manager

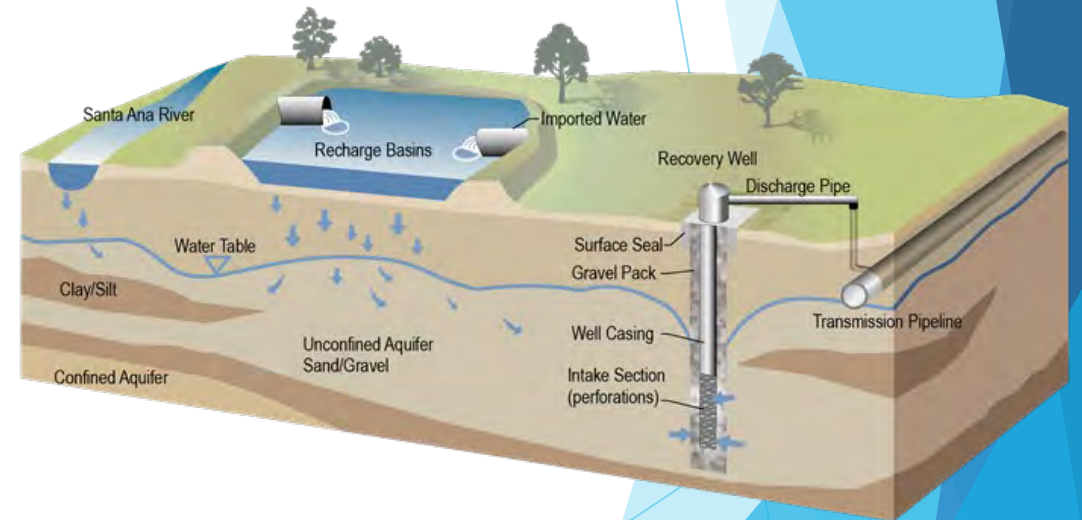
PA 23 Committee | June 1, 2021

Item No. 4.A.



# Brief Overview of SARCCUP

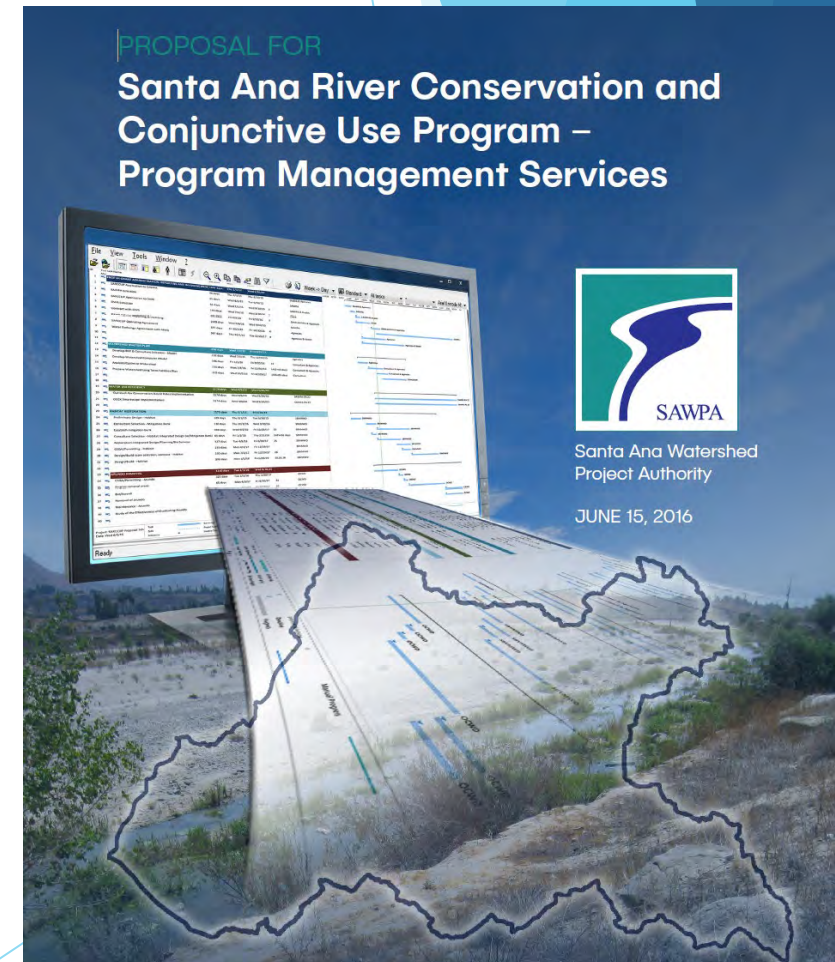
- ▶ Five-year timeline in original Grant Agreement
  - ▶ PA 23 approved schedule increase from September 2021 to 2023 (total of 7.25 years).
- ▶ Timeline includes task completion for
  - ▶ Conjunctive use modeling,
  - ▶ Land acquisition
  - ▶ Engineering,
  - ▶ CEQA and permitting,
  - ▶ Construction
- ▶ 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>



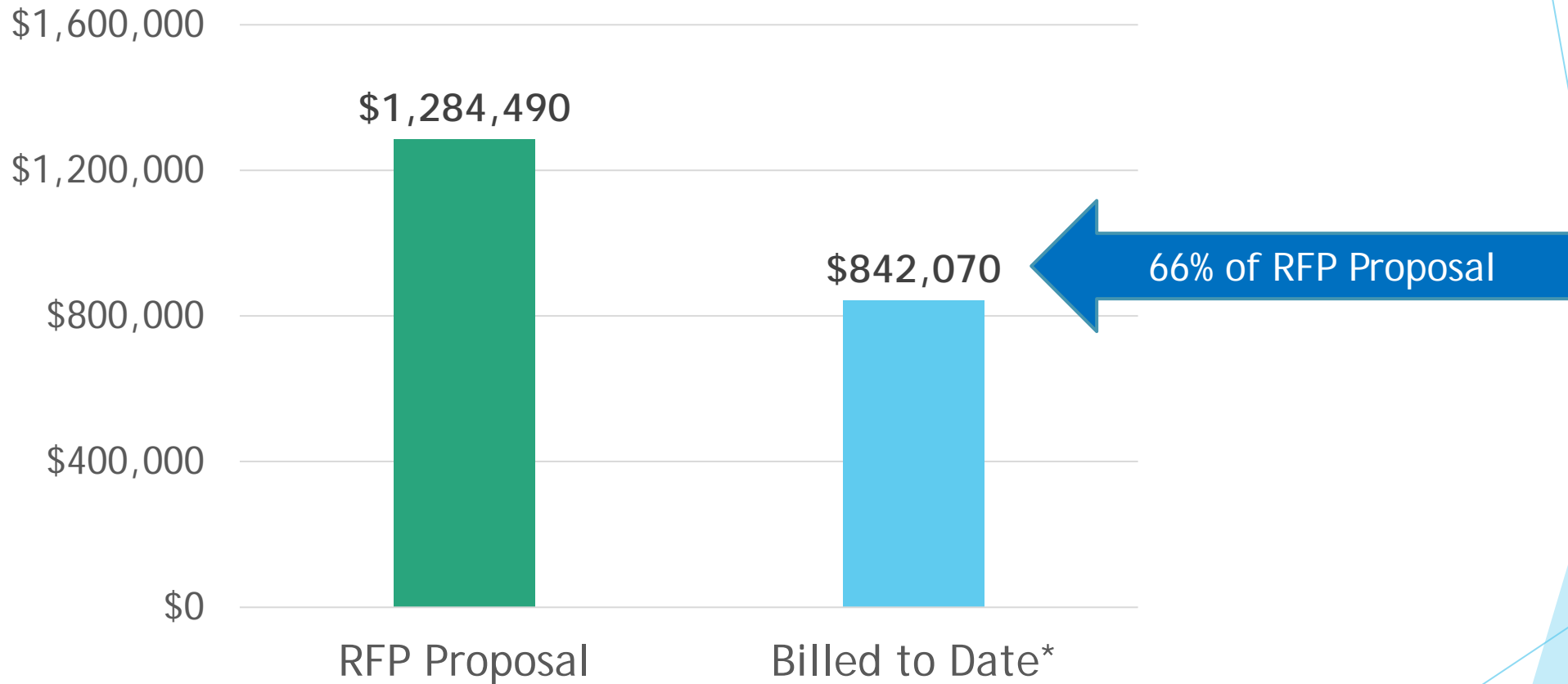
# W&C's Ongoing SARCCUP Project Management

- ▶ Scope Includes:
  - ▶ Web-based database 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.
  - ▶ Facilitating finalization of the detailed SARCCUP budget.

## Required Reporting



# Status of Funding



\*Through May 12, 2021

# Funding Going Forward

A	B	C	D	E	F
Task Order No.	Fiscal Year Ending	W&C 2016 RFP Proposal	Estimates for Extended Schedule	Modified Contract Amount	Final Invoice Amount
1	2017	\$310,429	Not Applicable	Not applicable	\$307,210
2	2018	\$260,515		Not applicable	\$140,885
3	2019	\$240,927		\$224,485	\$181,953
4	2020	\$257,114		\$229,046	\$154,973
5	2021	\$215,505		\$225,005	\$88,500*
6	2022			\$132,872	
7	2023	Not included	\$129,054	Not Applicable	
8	2024		\$150,000	Not Applicable	
<b>Total</b>		\$1,284,490	\$279,054	Not Applicable	\$873,521

\*Estimated final amount based on current invoicing; final invoice amount available at end of fiscal year.

**Proposed Amount**

# Major Activities for FYE 2022

- ▶ W&C will track construction schedules as the SAWPA member agencies' projects move into the implementation phase.
- ▶ W&C and the SARCCUP team will submit quarterly progress reports and invoices, which will have larger dollar amounts as we move into the construction phase.
- ▶ W&C will facilitate discussion on the SARCCUP operations agreement at the bi-monthly meetings.



# Recommendation



Authorize the approval of Task Order No. 6 in the amount not-to-exceed \$132,872 with Woodard & Curran for project management services to support the Santa Ana River Conservation and Conjunctive Use Program.





**SARCCUP**

# SARCCUP Project Updates

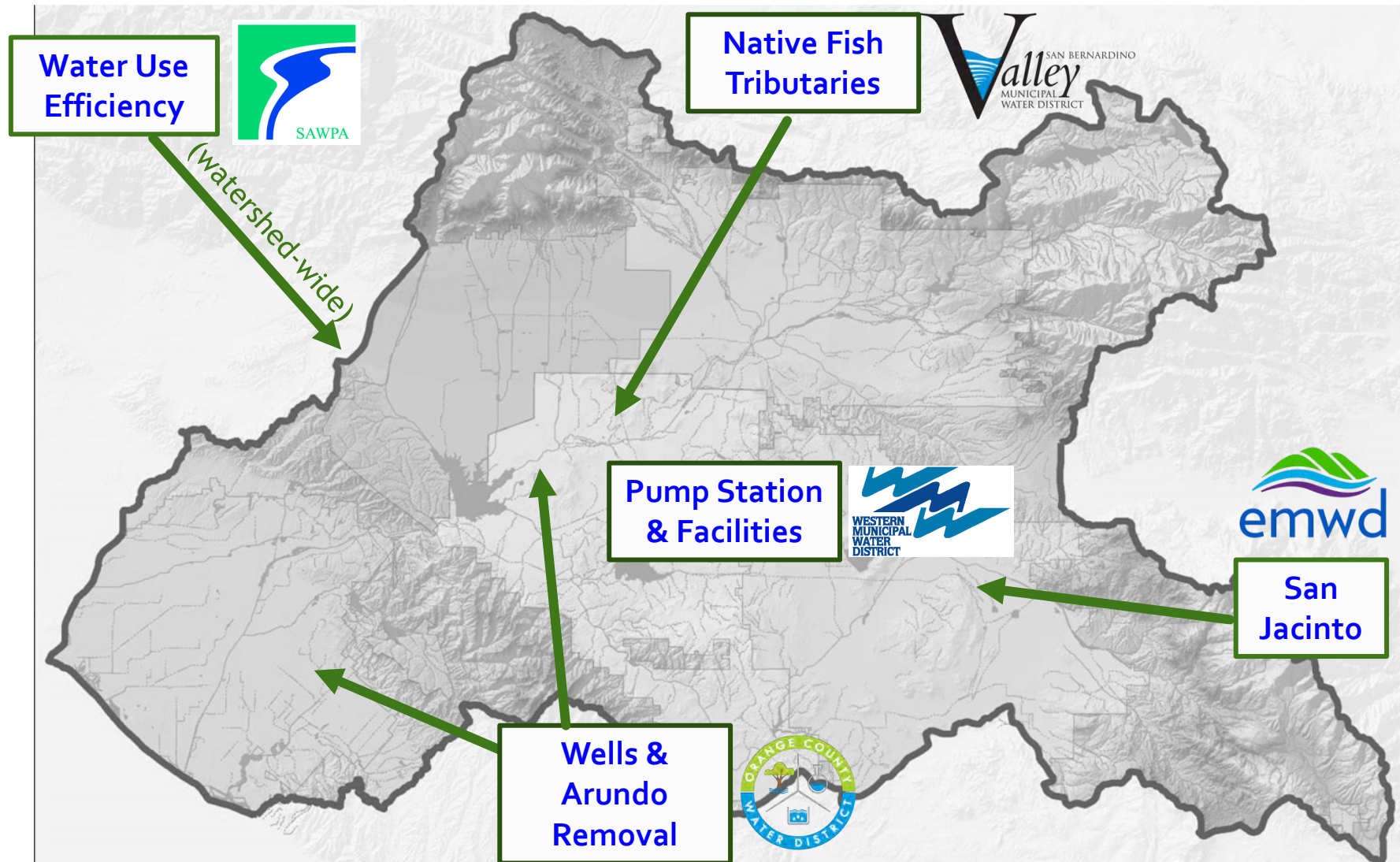
SAWPA Member Agencies & SAWPA

PA 23 Committee | June 1, 2021

Item No. 4.B.



# SARCCUP Project Update Locations





# EMWD Updates

San Jacinto Groundwater Basin Facilities

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

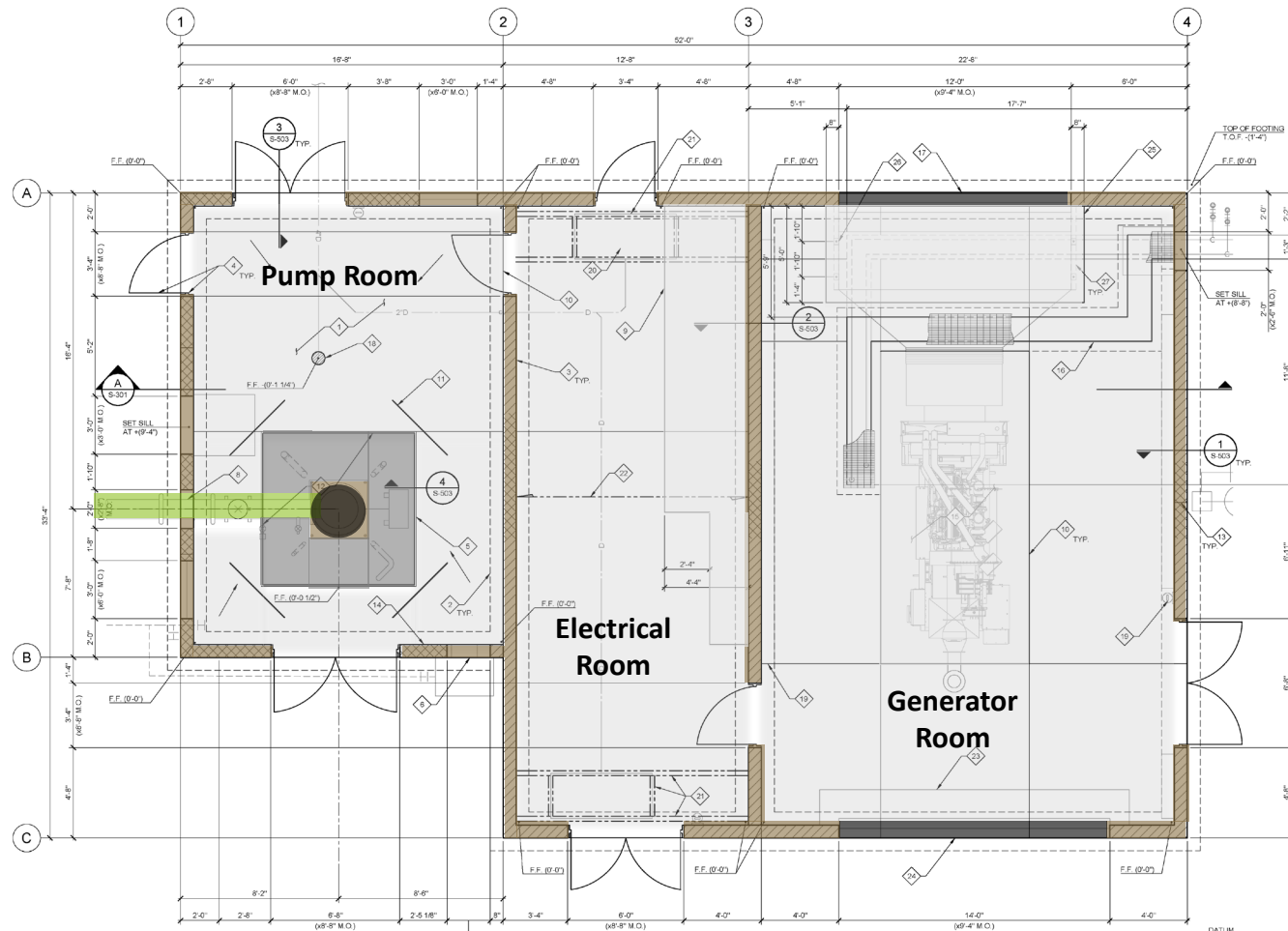


- ▶ Pre-Construction Meeting held on December 10, 2020
- ▶ Advancing with preliminary submittals
- ▶ Pipeline material being ordered and delivered
- ▶ Contractor mobilized in April

\* Not receiving SARCCUP grant funding



# Wells 201, 202, 203, & 205 Equipping



- Bid documents were advertised in April
- Pre-bid meeting was held in April
- Bid opening date May 17
- Temporary construction easements in process for shared walls on P/L
- Well 203 drainage easement in process
- O&E June 2021
- Board July 2021

# Mountain Avenue West Recharge Facility - Construction Progress

- Submersible pump installation in Multiport Monitoring Wells
- Installation of decomposed granite (DG) jogging path, landscaping is ongoing
- Construction of onsite block wall around inlet piping pads
- Installation of electrical panels and wiring
- Driveways, perimeter fencing, and SCE enclosure construction



Water Outlet Pipes and Stilling Basin



# Mountain Avenue West Recharge Facility - Construction Progress



Aerial Site View



# WMWD Updates

Sterling Pump Station and Riverside-  
Arlington Basin Facilities

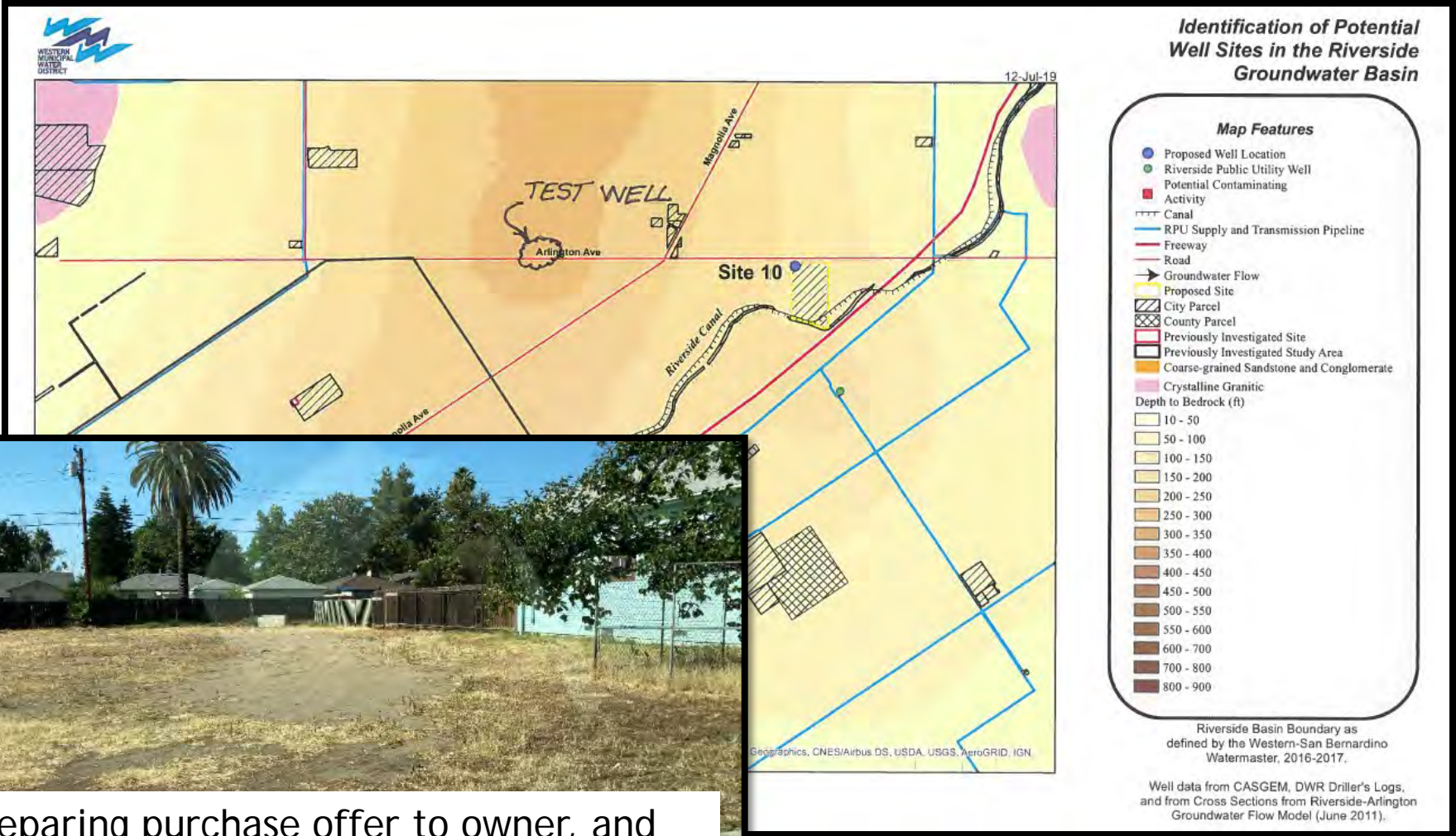


# Sterling Pump Station





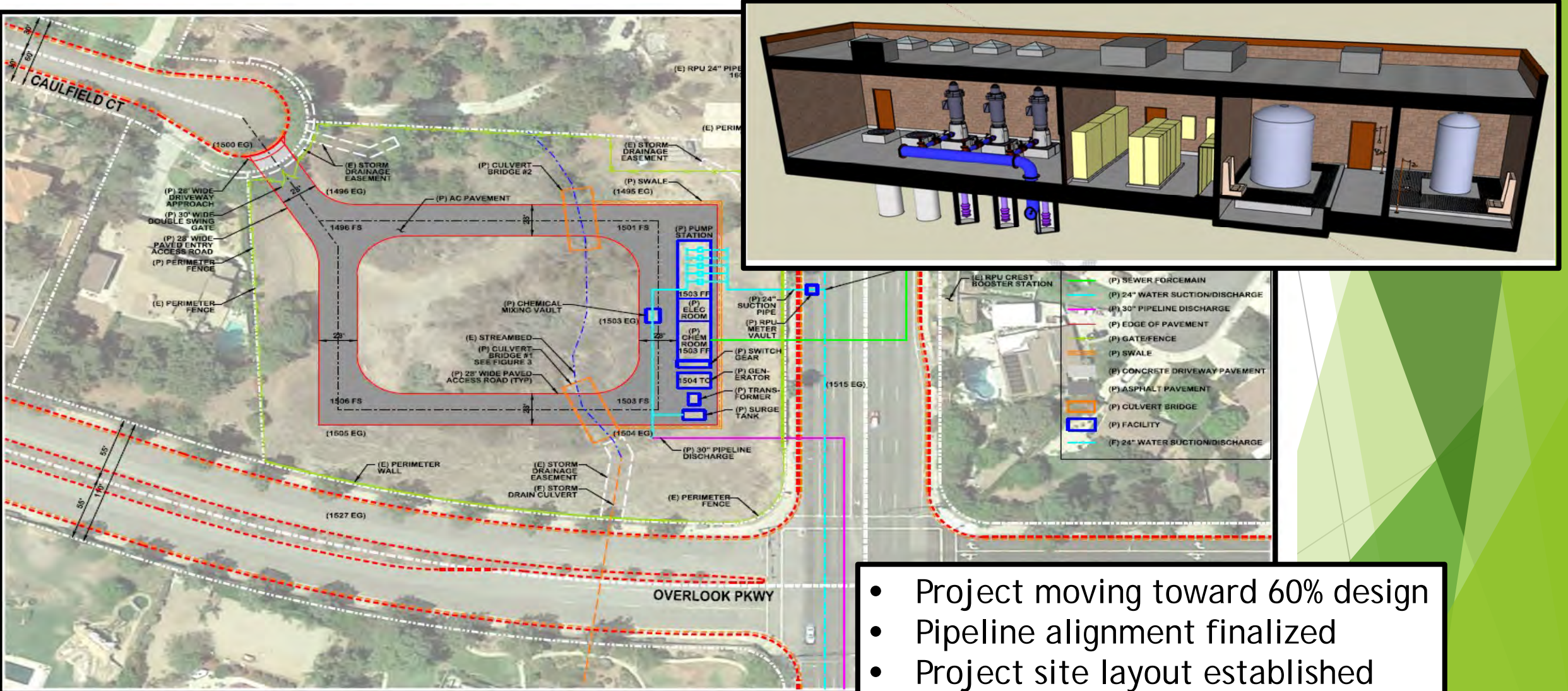
# Riverside-Arlington Basin Well



Preparing purchase offer to owner, and specifications for test well drilling



# Cannon Campbell Pump Station



- Project moving toward 60% design
- Pipeline alignment finalized
- Project site layout established
- CEQA documentation underway

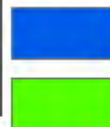
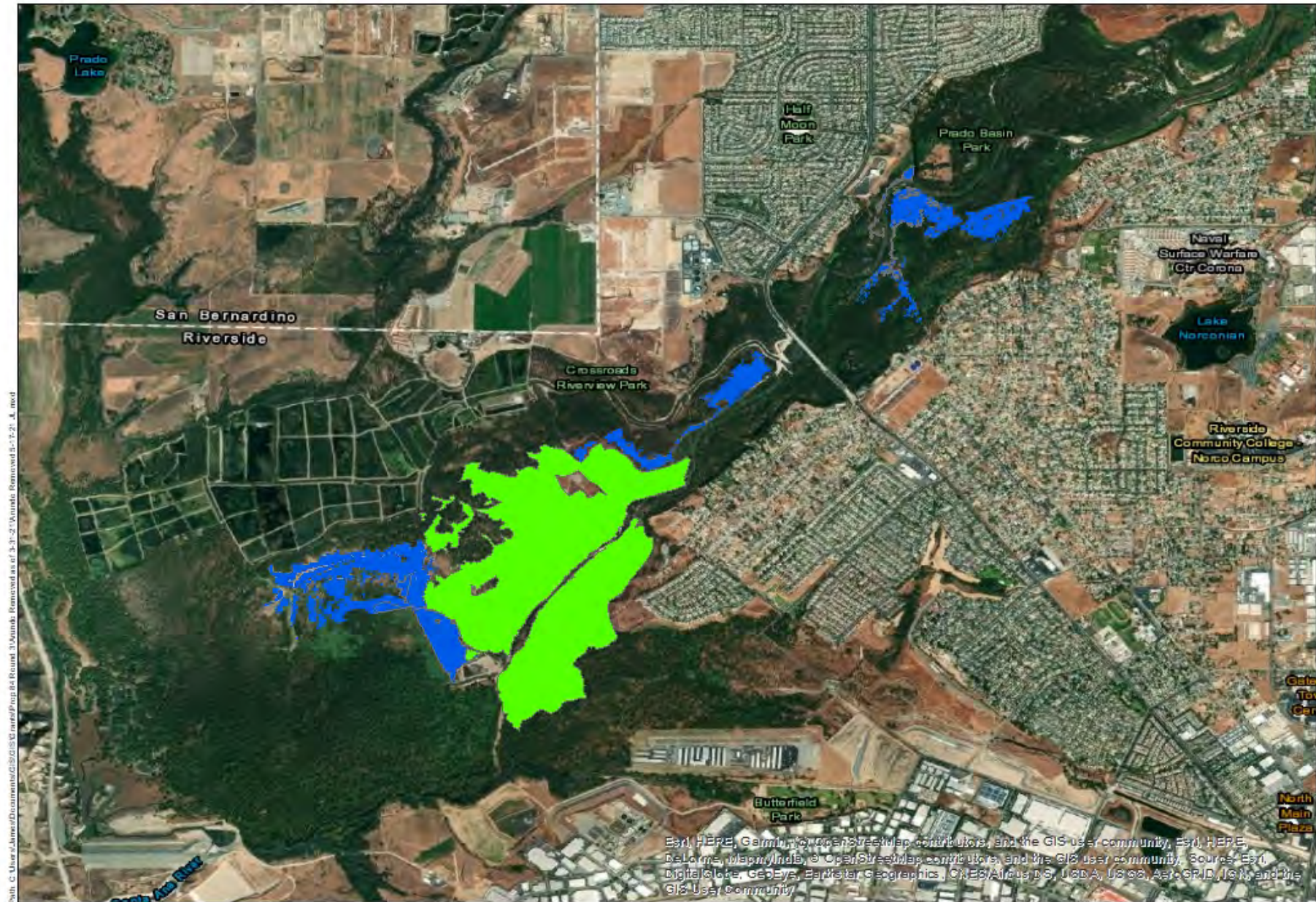


# OCWD Updates

Arundo Removal and Production Wells



A total of 565 acres of Arundo Donax has been removed and under treatment.



Arundo Removed & Under Treatment - 165 Acres

Prado Fire - Burned and Being Treated - 400 Acres

NAD 83  
5/17/2021 JL  
SARCCUP Removal  
Map produced by OCWD/SAWA



Removal is a two-step process with mass removal followed by treatments.





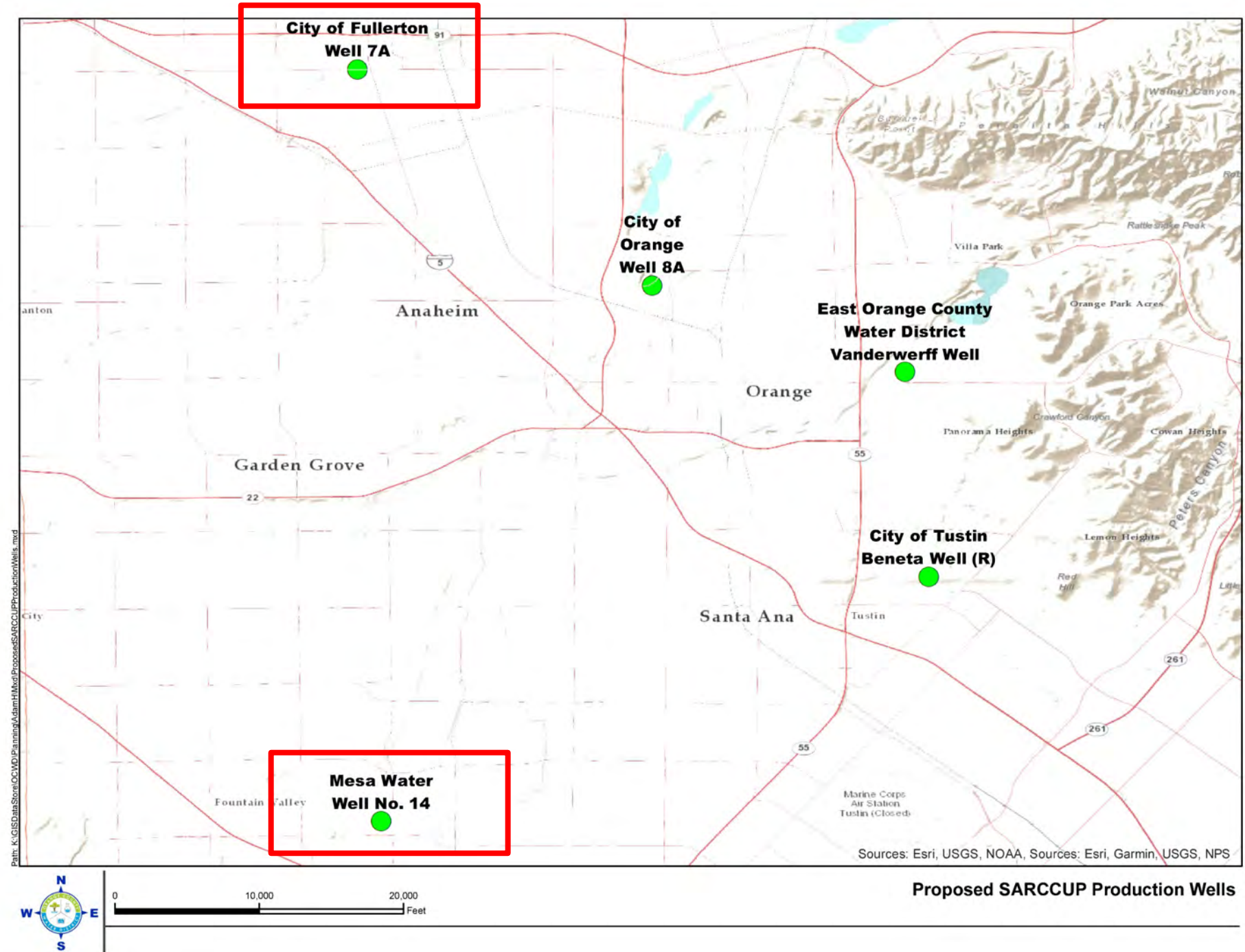
Frequent treatment is necessary to address regrowth.





Five new production wells are being constructed for SARCCUP.

Agreements with all five pumpers have been executed.





# Fullerton Well No. 7A

- ▶ Borehole depth: 1,410 feet
- ▶ Zone testing is underway.



Sanitary seal installation



# Mesa Water Well No. 14

- ▶ Well depth: 950 feet
- ▶ Well screen: 335 feet
- ▶ Production range: 3,700-4,100 gpm



Casing installation



# SBVMWD Updates

## Native Fish Habitat Tributaries



# Tributary Restoration Projects

## ▶ Phased Implementation

### ▶ Phase 1: Hidden Valley and Anza Creeks

- ▶ Working towards 90% Design Package
- ▶ Land Appraisals Underway
- ▶ Site Preparation Underway
- ▶ Seed Collection and Plant Propagation Underway
- ▶ Construction: Fall 2021 - Summer 2022
- ▶ Start Monitoring and Adaptive Management: Summer 2022

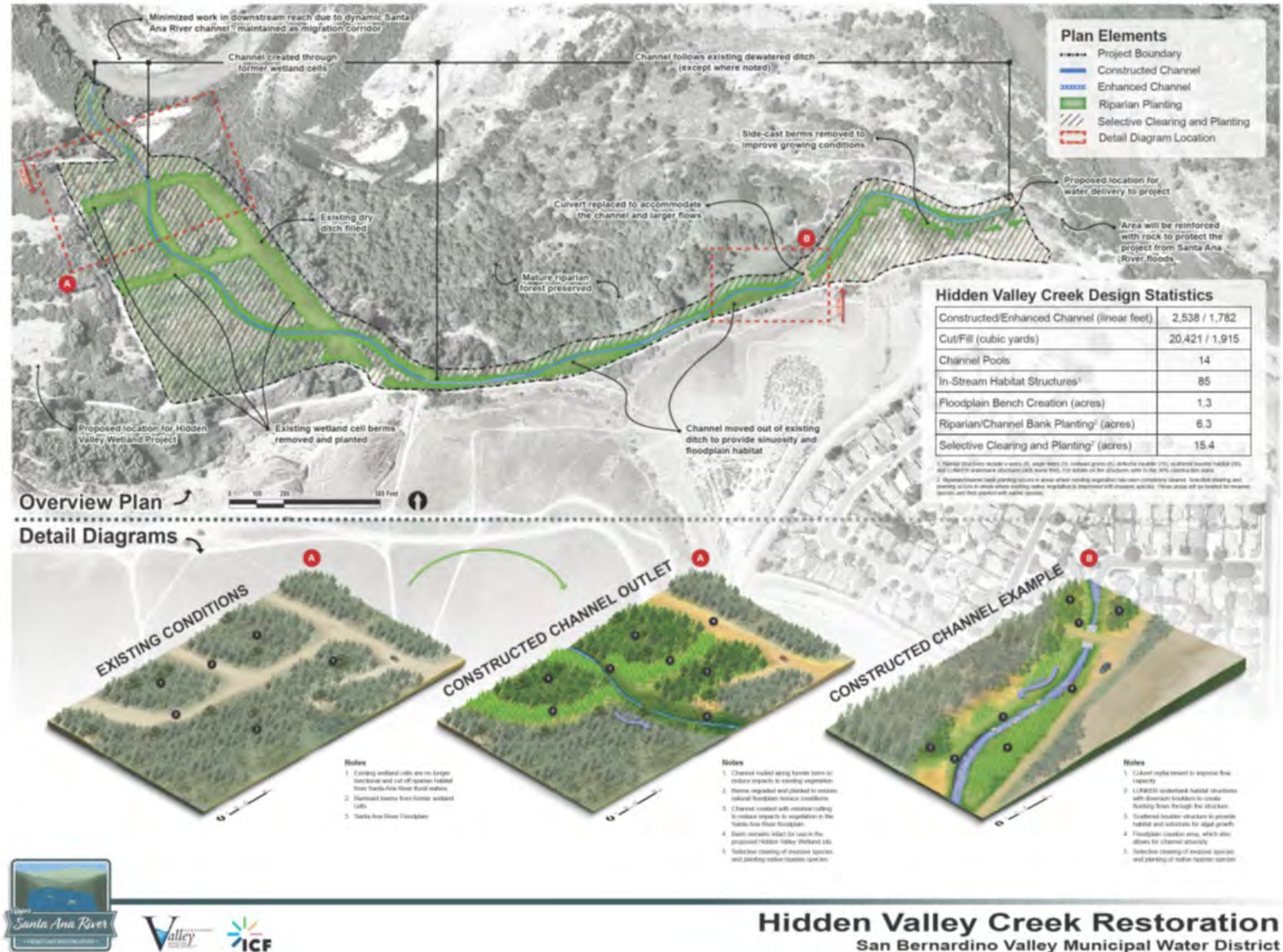
### ▶ Phase 2: Lower Hole and Old Ranch Creeks

- ▶ 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): Operation of Law (Op Law)
    - Section 401 Compliance (RWQCB)
      - Anza: Complete
      - Hidden Valley: In progress
    - CWA Section 404 Compliance (USACE)
      - Section 7 Federal ESA Consultation Initiated with USFWS
  - Phase 2 Sites
    - After Phase 1 Site permits are obtained



# Example of Tributary Restoration





# SAWPA Updates



Water Use Efficiency Budget Assistance Task

# Purpose of Task

- ▶ Help up to 10 retail agencies 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.

Dedicated Landscape Meter Customer Example



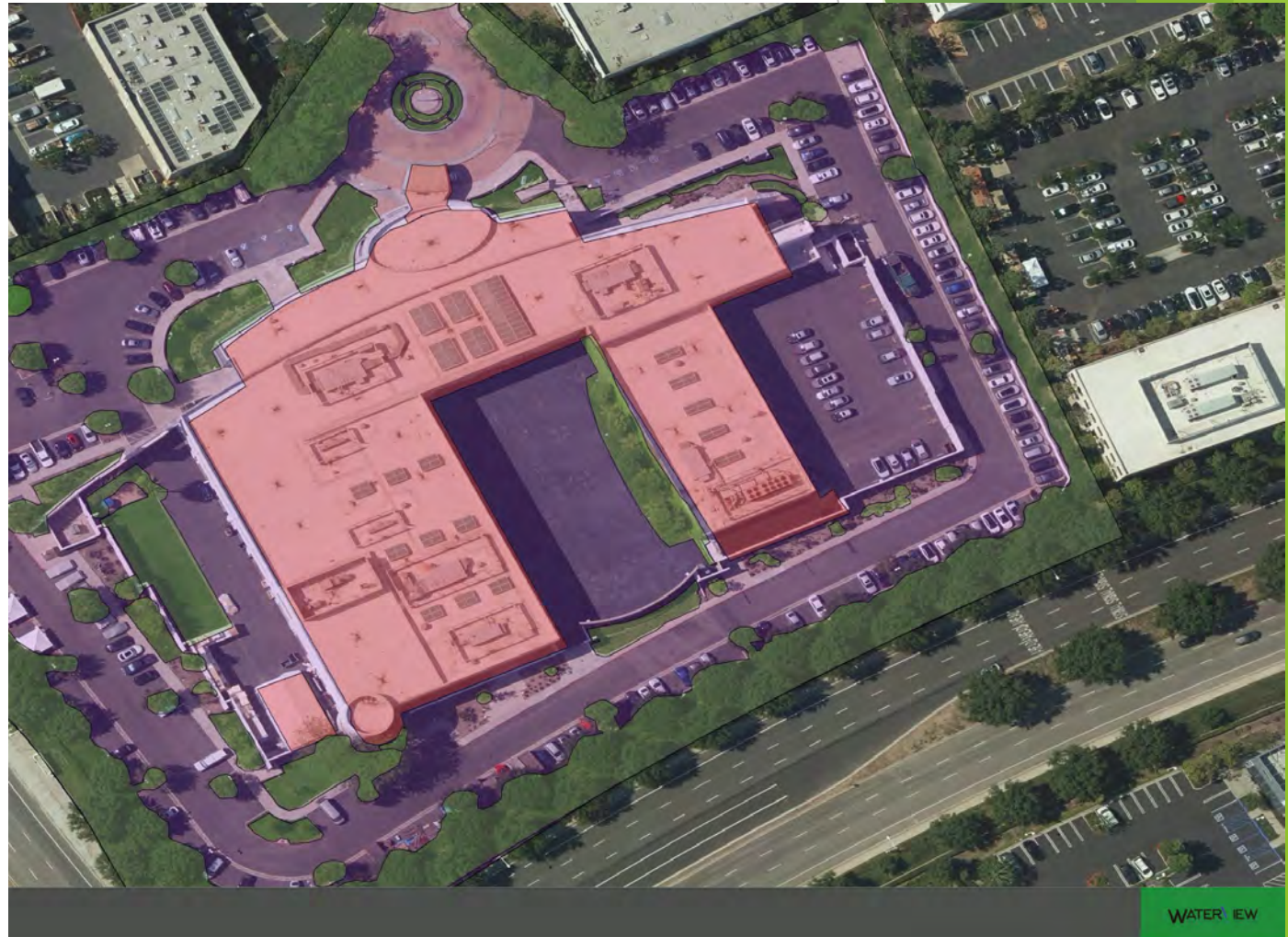
\* Senate Bill 606 and Assembly Bill 1668



# Latest Progress

- ▶ March 2021: Kick-off meeting with SAWPA member agencies, MWDOC and Quantum Spatial (now known as NV5):
- ▶ May 2021: Virtual workshops held to recruit the retail water agency partners,
- ▶ August/September 2021: Should have final list of retail partners.
- ▶ End of schedule: February 2023.

Content from May Workshops - Web-Based Tool Visual from Consultant



# Questions





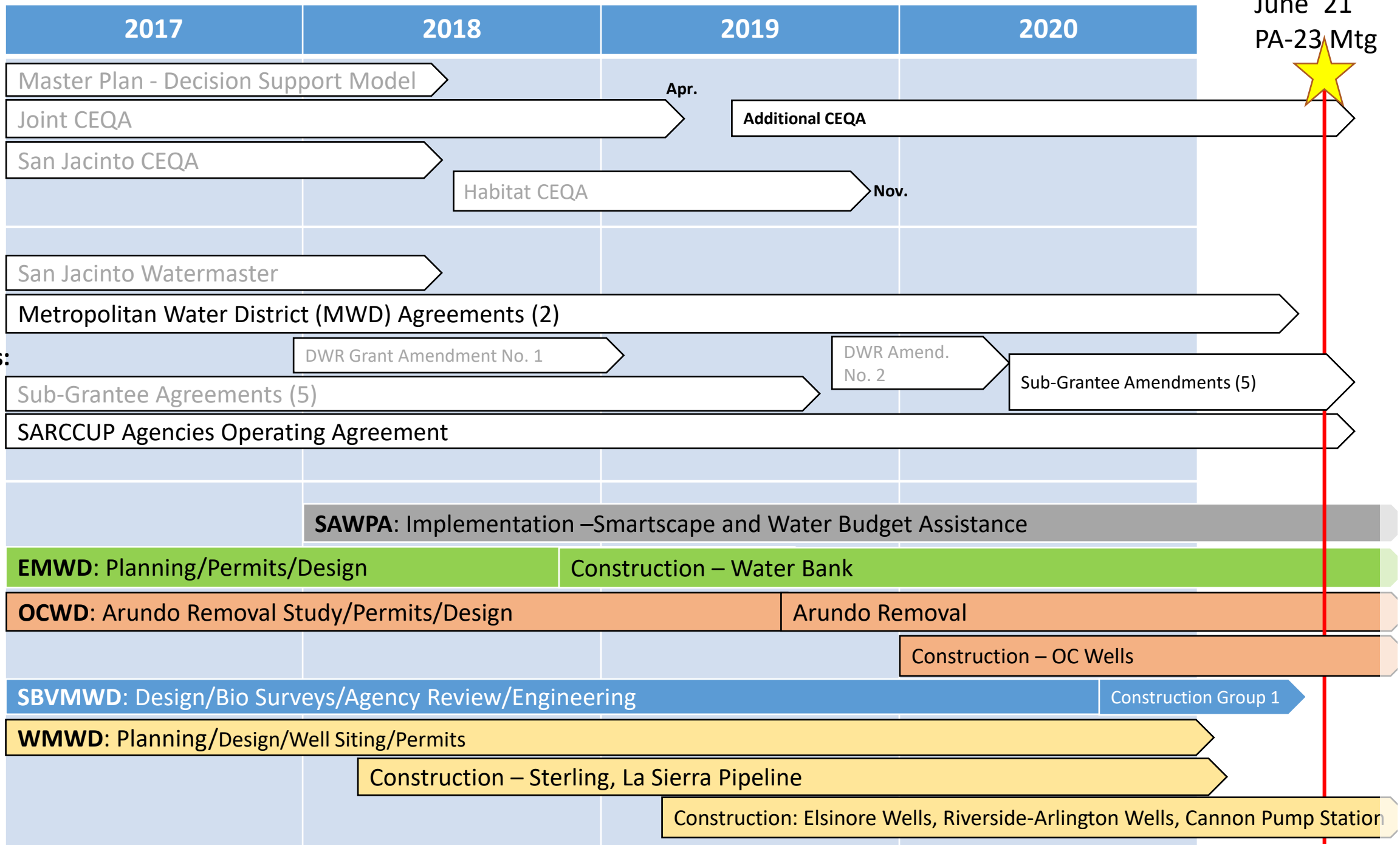
# SARCCUP Schedule

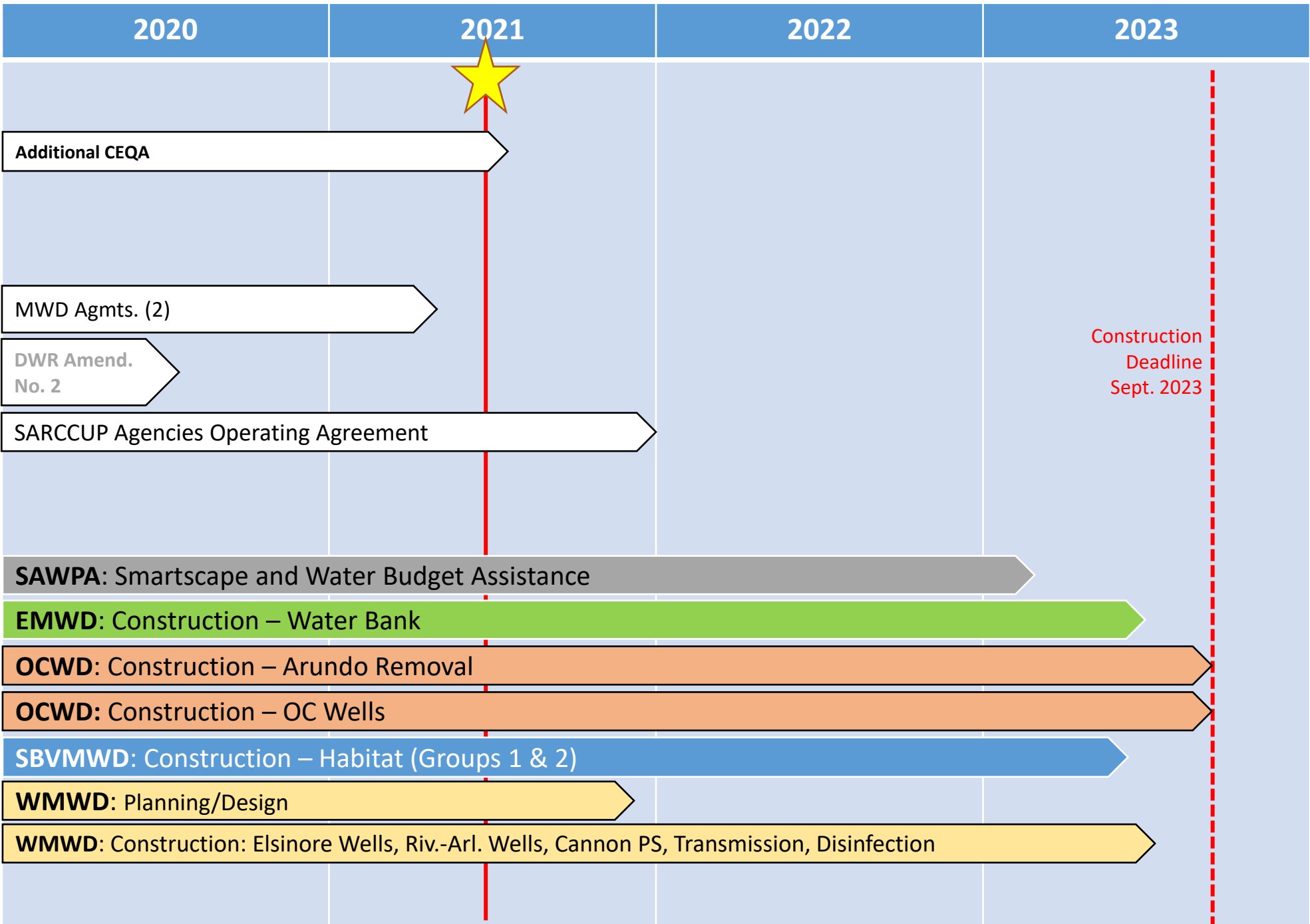
Brian Dietrick, Woodard & Curran

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Item No. 4.C.



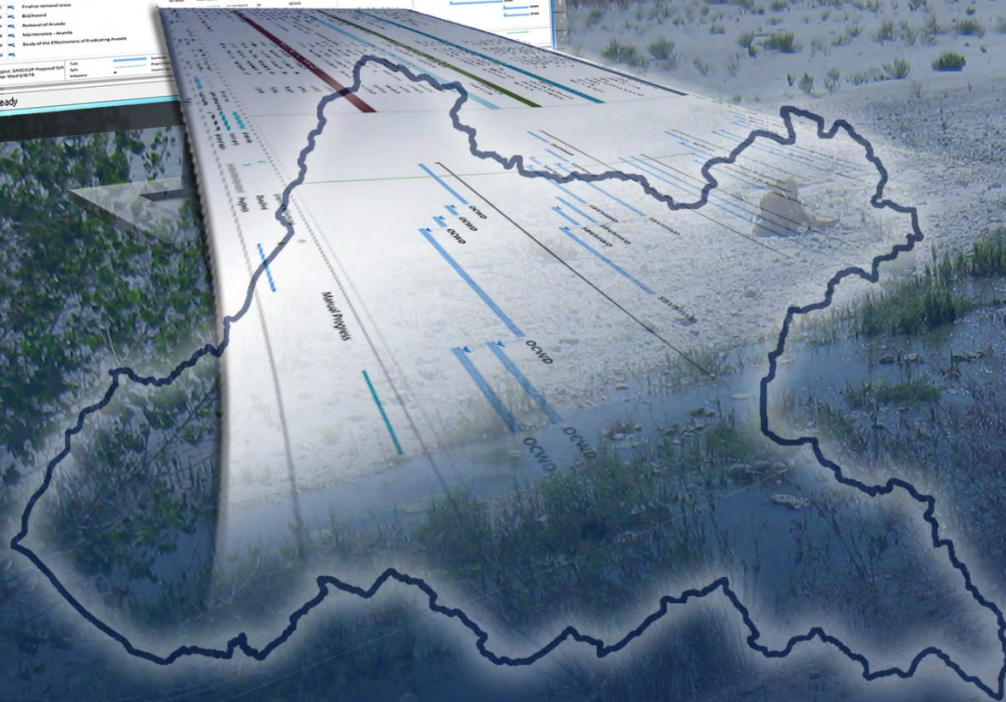
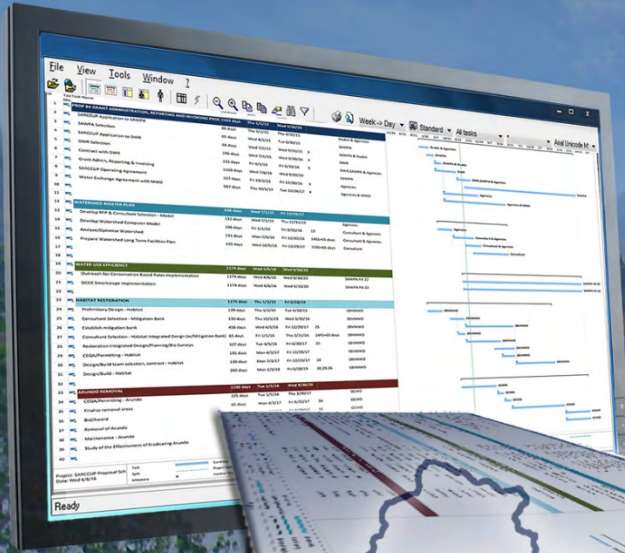


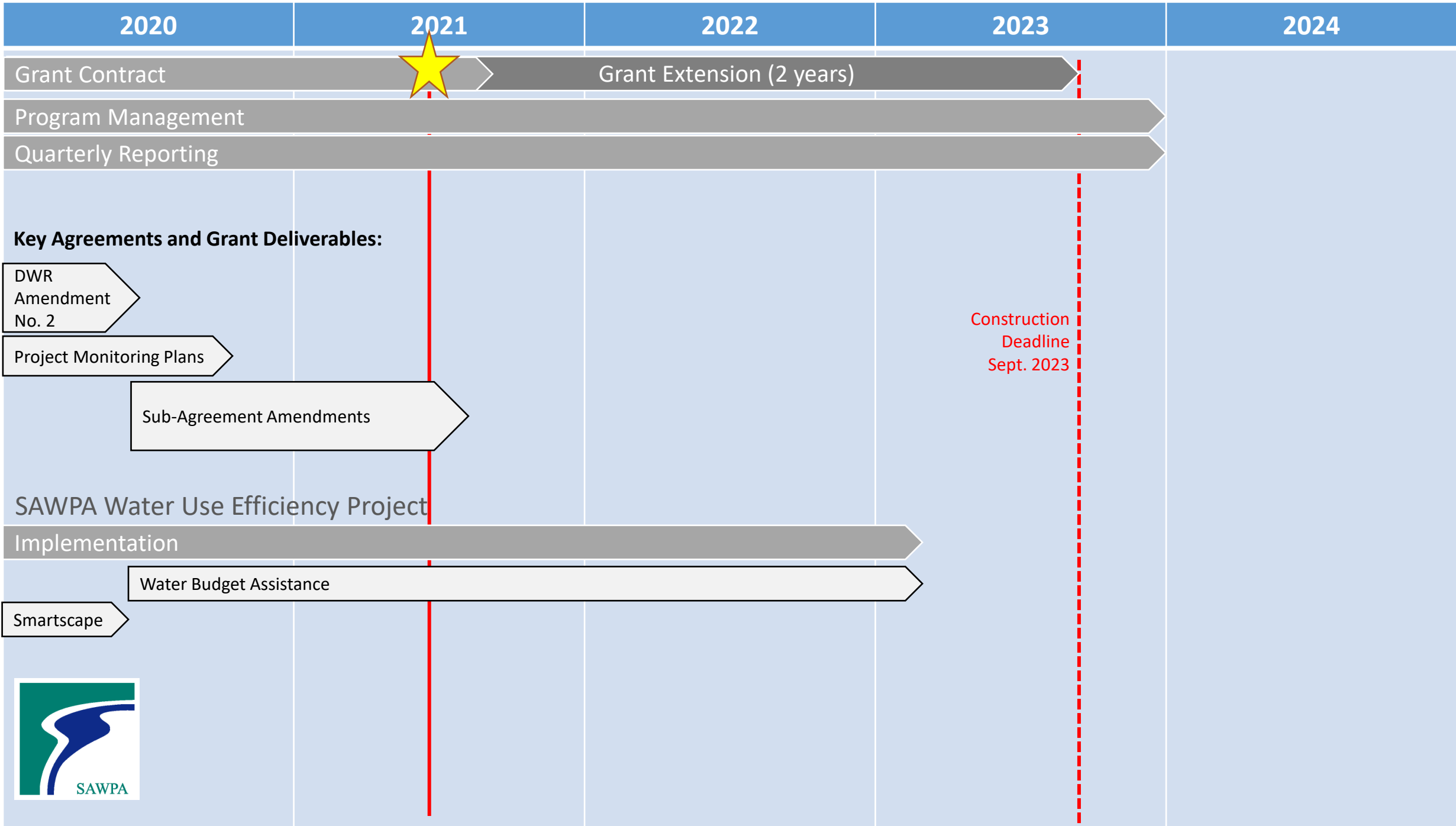


Construction  
Deadline  
Sept. 2023



# 2020-2024 Agency Slides





DWR Amendment No. 2

Project Monitoring Plans

Sub-Agreement Amendments

SAWPA Water Use Efficiency Project

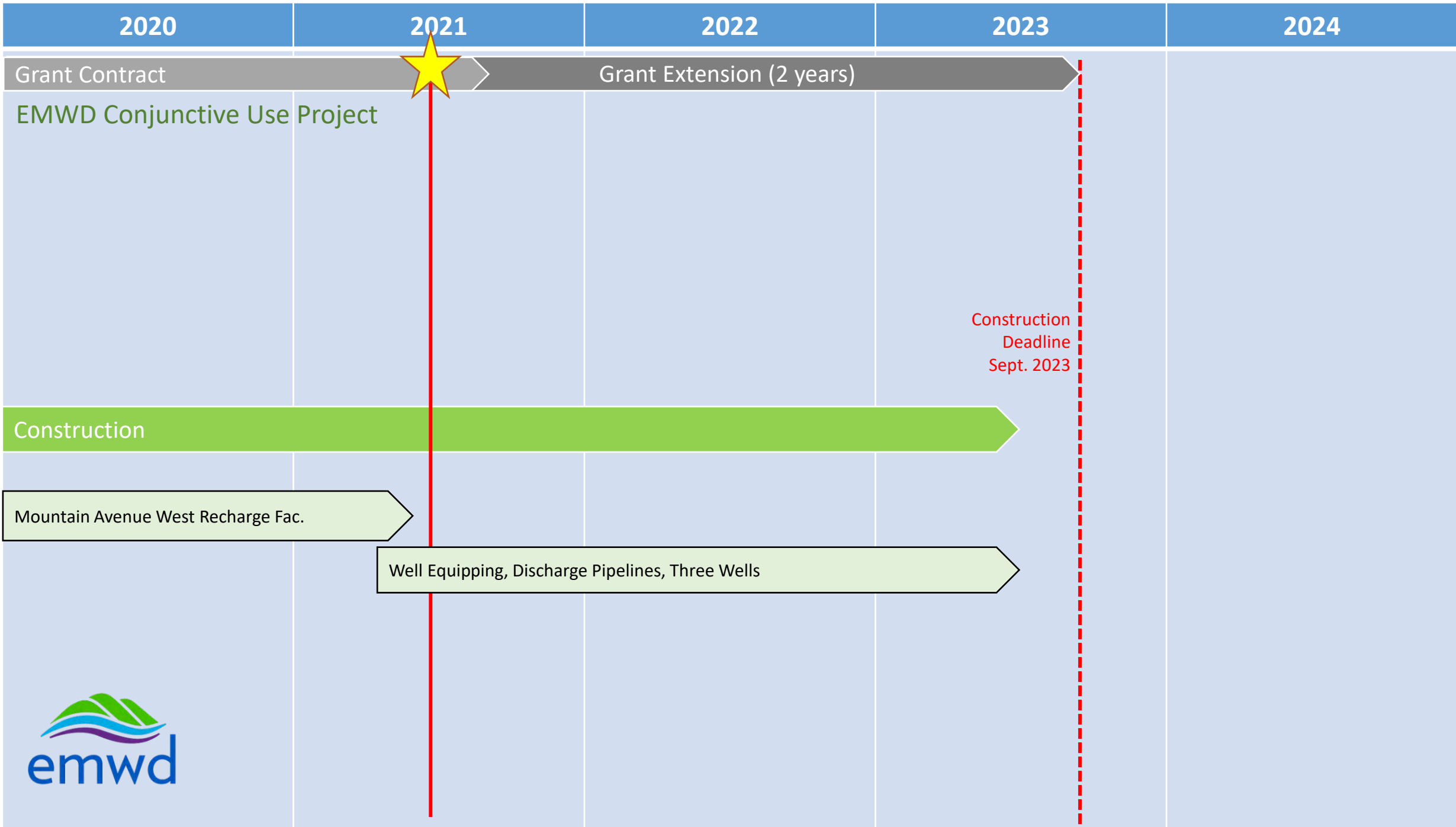
Implementation

Water Budget Assistance

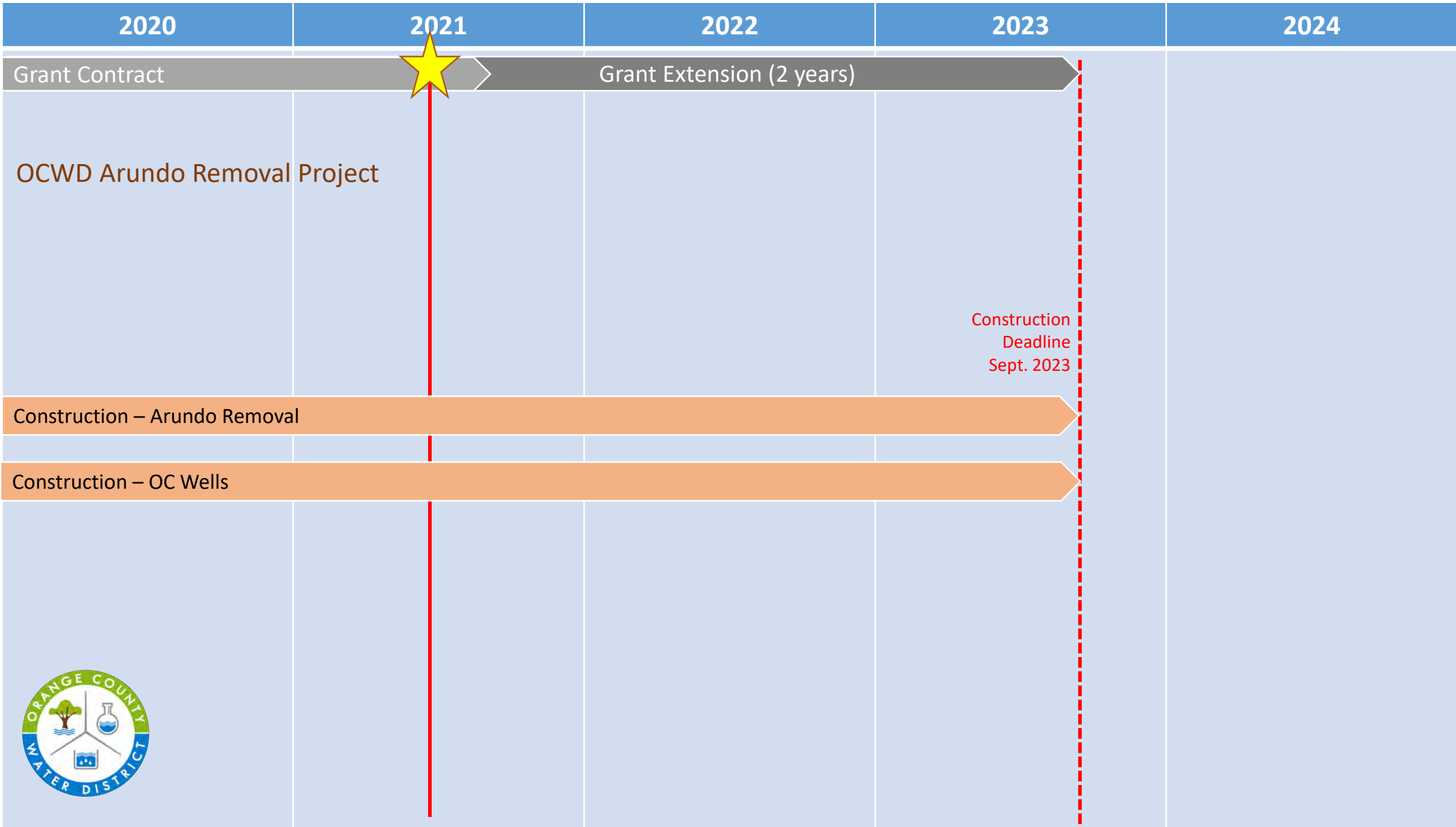
Smartscape

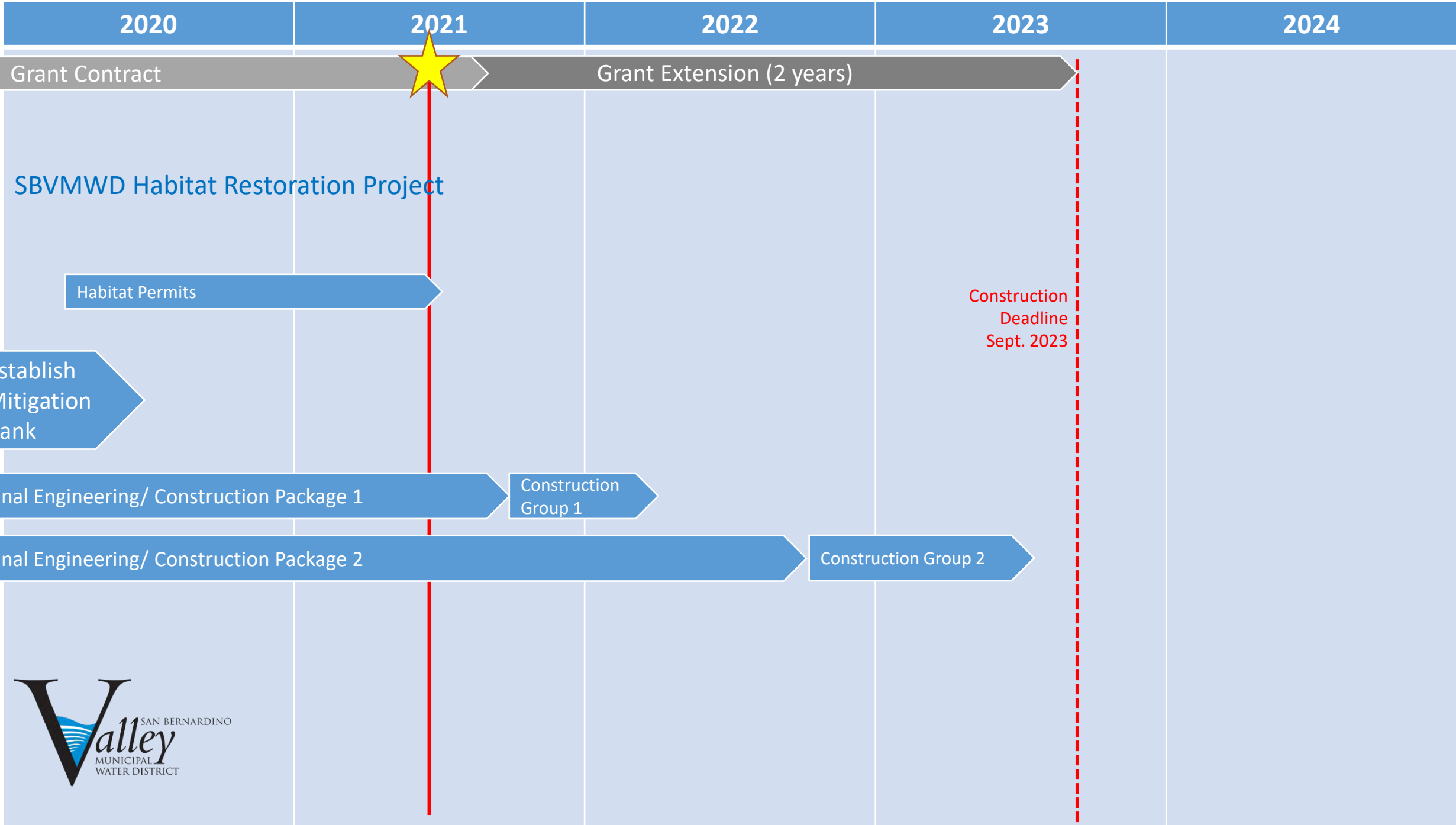
Construction Deadline Sept. 2023

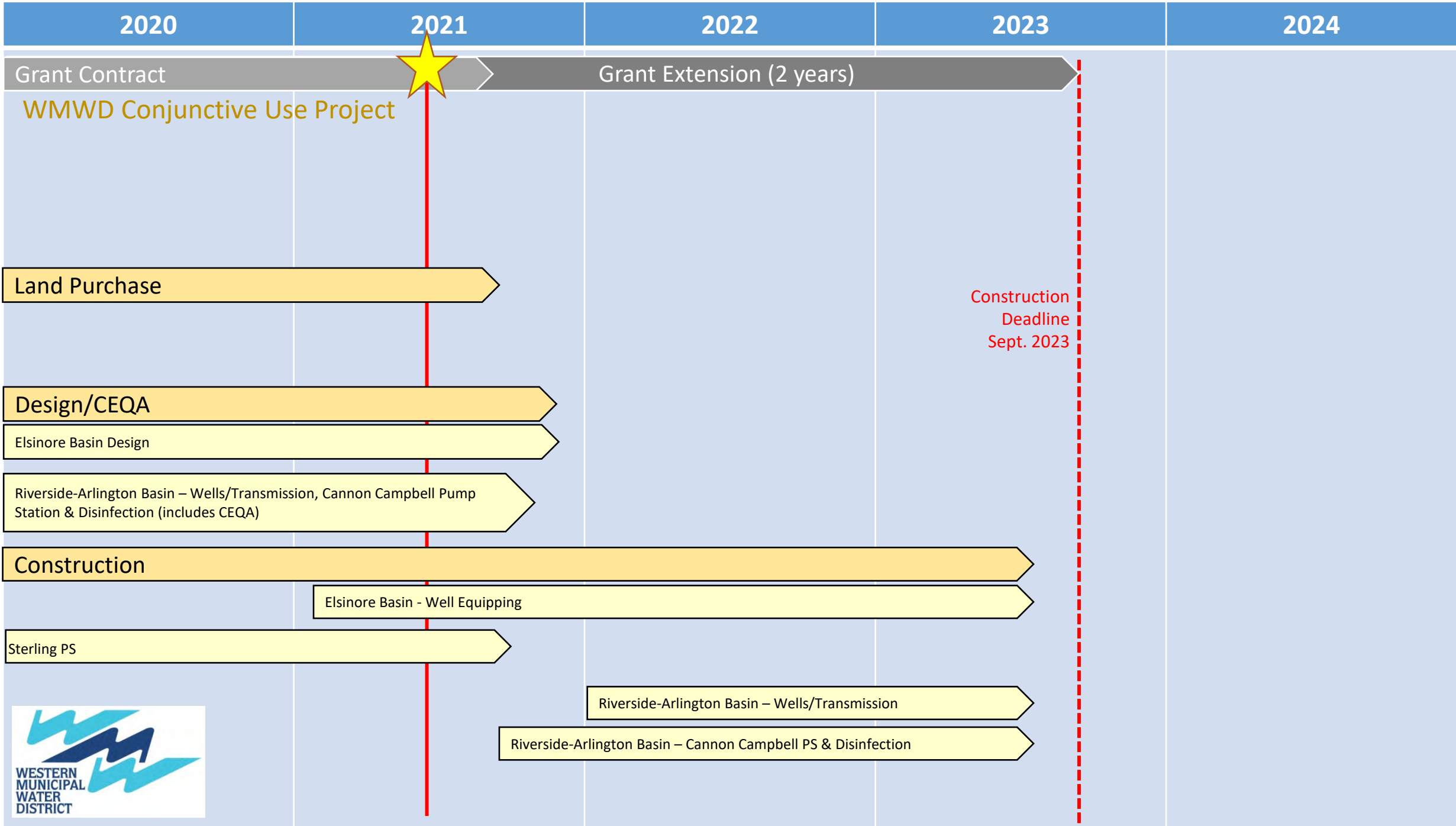
















# SARCCUP Grant Payment Updates

Ian Achimore, Senior Watershed  
Manager

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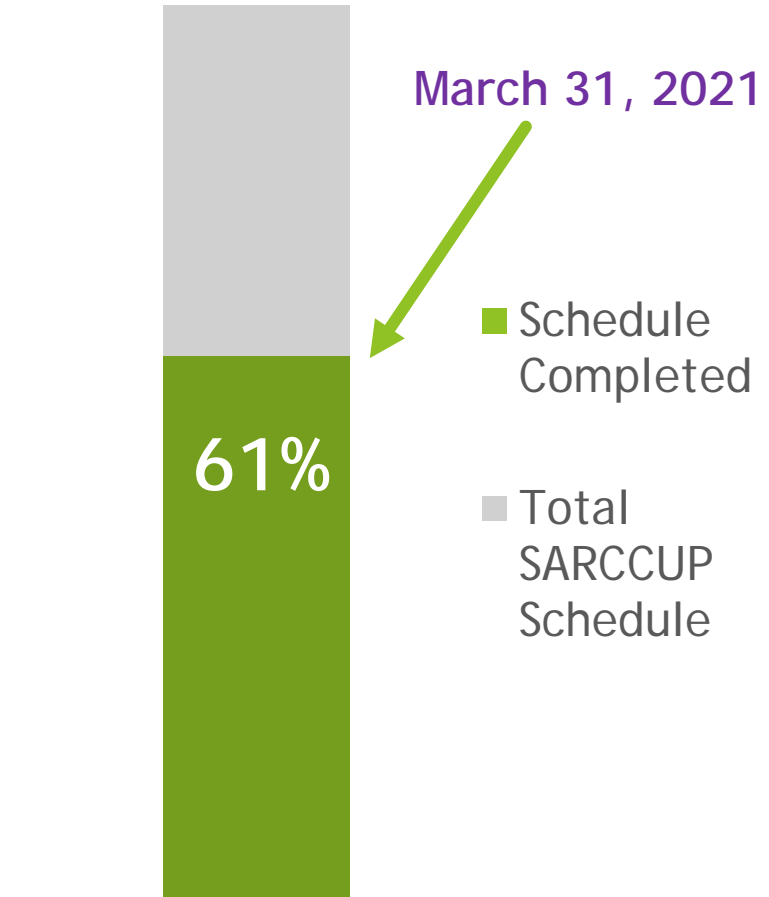
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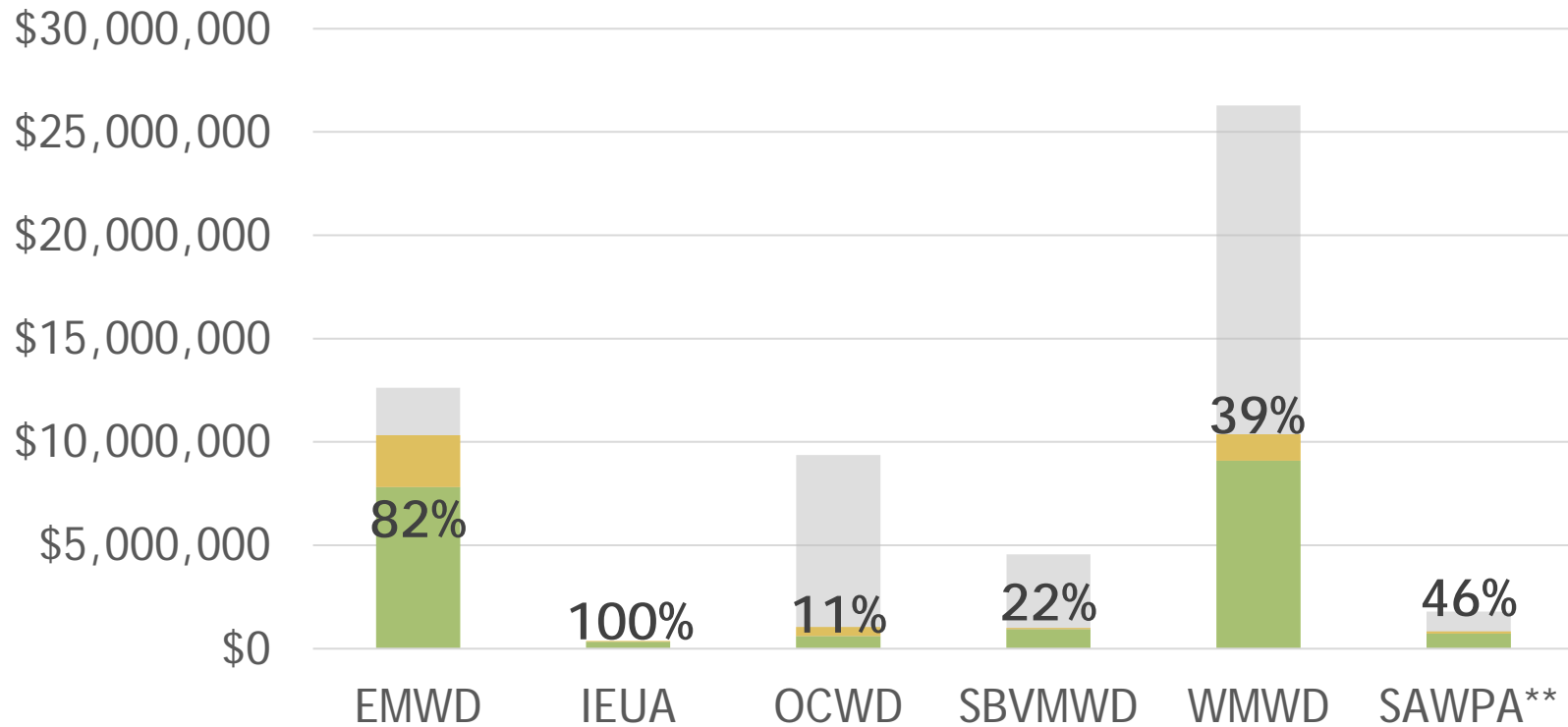
# Background on Grant

- ▶ 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, 2021** (latest invoices received at time of publishing this agenda packet).
- ▶ As of **March 31, 2021**, the amount of grant invoiced is 44% of the total \$55M grant.

## Percent Schedule Completed



# 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.

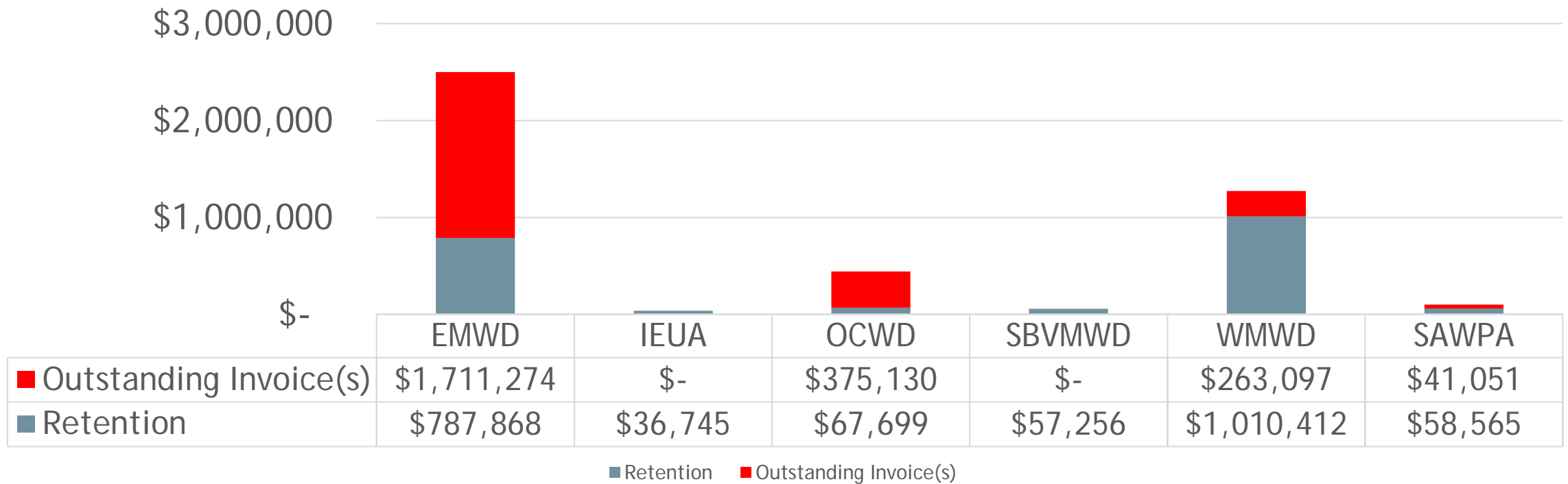
\*\*Includes funding for Woodard & Curran and Water Use Efficiency Tasks.

	EMWD	IEUA	OCWD	SBVMWD	WMWD	SAWPA**
Grant Paid	\$7,823,322	\$330,706	\$609,287	\$942,516	\$9,101,422	\$727,007
Total Outstanding Grant Payments*	\$2,499,143	\$36,745	\$442,829	\$57,256	\$1,273,510	\$99,616
Total Grant (DWR 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, 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 **September 30, 2020**.