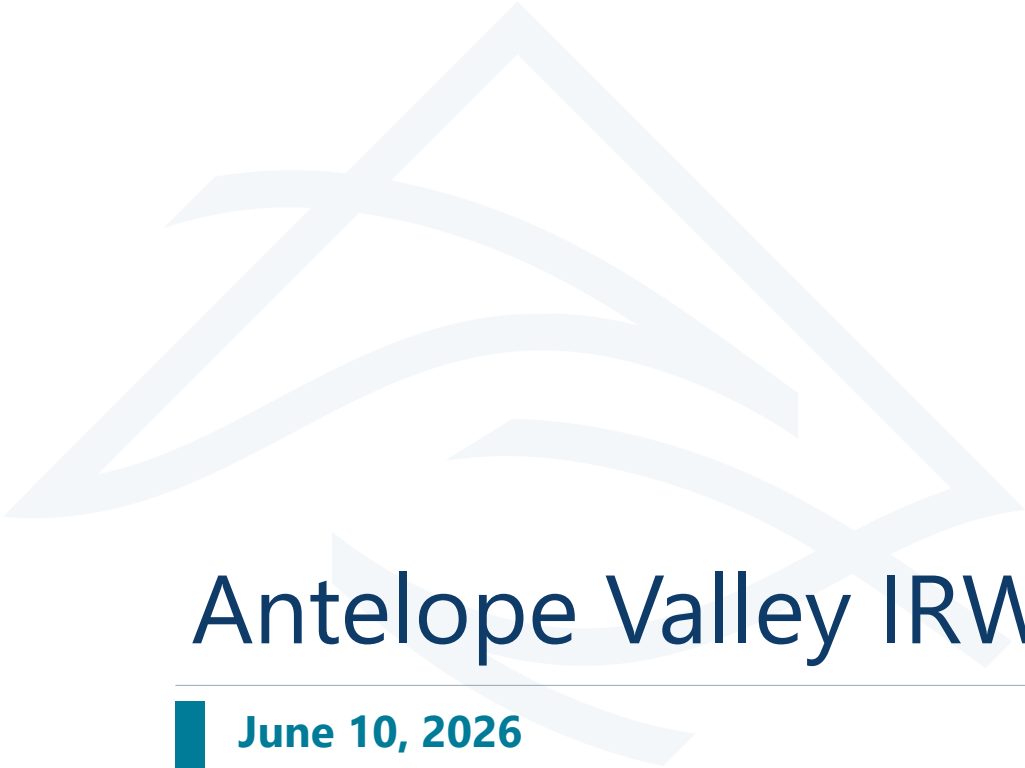




Antelope Valley IRWM

June 10, 2026

MS Teams Conference Call



**Woodard
& Curran**

Agenda

- Welcome and Roll-Call
- On-going Regional Funding Update
- Project Updates
- Prop 4 Funding Updates
- AV Water Plan Update
- Public Comment
- Future Items/Announcements/Adjourn



Ongoing Regional Funding

Integrated Regional Water Management Program – Proposition 1 Rounds 1 & 2

- ▶ Round 1 projects: 2 ongoing, 3 at or near completion
- ▶ Round 2 projects: 1 project completed (PWD)

Future Funding

- ▶ Focus on upcoming Prop 4 funding opportunities
- ▶ To be covered later in meeting, after Project Updates



Project Updates

Project Updates

► IRWM Prop. 1 Round 1 Grant

- RCSD - Wastewater Treatment Plant Rehabilitation and Groundwater Protection (complete)
- AVEK - South North Intertie Pipeline Phase II Project
- AVRCD - Antelope Valley Regional Conservation Project
- PWD - Littlerock Dam Sediment Removal Project (complete)
- AVEK – Drought Resilience Pre-Delivery Water Storage Project (complete)

► Urban and Multibenefit Drought Relief Grant

- PWD - PWD Conservation and Education Garden
- LRCID - Mills Track – Water Main Project (complete)

► IRWM Prop. 1 Round 2 Grant

- AVRCD - Lawn Reduction Rebate Program (starting after Round 1 funding exhausted)
- PWD - E. Ave Q Recycled Water Extension Project (complete)

Call for Project in 2026/27

- ▶ Likely going to update IRWM Plan project list in 2026 or early 2027 to prepare for upcoming Prop 4 funding opportunities
- ▶ Local project proponents can start preparing their project information by referencing the AV IRWM Call for Projects for, last updated for Prop 1
 - <https://pw.lacounty.gov/wwd/avirwmp/docs/Project%20Data%20Input%20Table%20final.pdf>



Proposition 4 Funding Updates

Woodard & Curran

Prop 4 Funding Appropriation

- ▶ DWR Sustainable Groundwater Implementation
 - \$320 M
 - SGMA/GSP Implementation
 - Applicability to adjudicated basins unknown
 - Guidelines Fall 2026
- ▶ State Water Board Storm Water Grants
 - \$39 M
 - Storm water and dry-weather runoff capture
 - Requires an adopted SWRP to be eligible
 - Solicitation Fall 2026
- ▶ DWR Watershed Resilience Program
 - \$152.4 M
 - Guidelines ~Spring 2027
 - More details in following slides

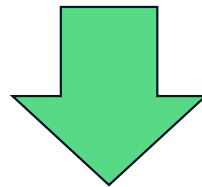
Watershed Resilience Program

- ▶ Prop 4: \$152 M
- ▶ Potentially up to \$8M/application
 - \$3M planning
 - \$5M early implementation
- ▶ Guidelines being developed – draft expected early 2027
- ▶ Solicitations anticipated later 2027
- ▶ Climate-focused long-term planning

DWR's Watershed Resilience Program

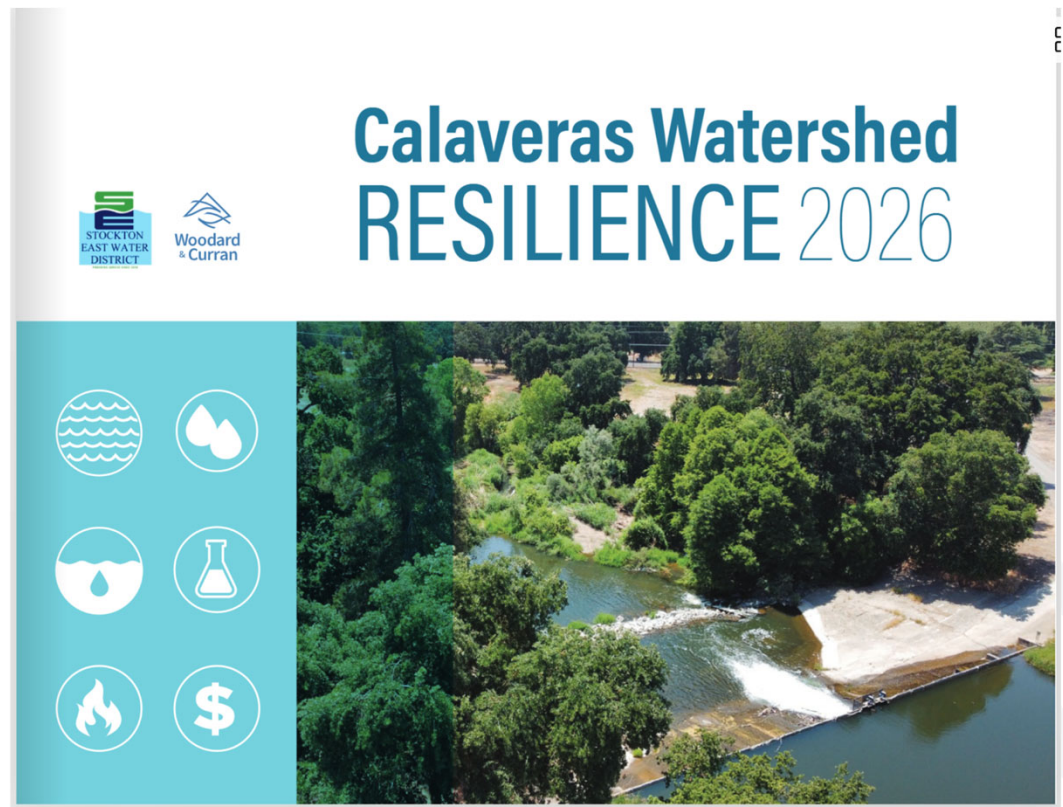
► 2023 CA Water Plan priorities:

- Managing water from headwaters to outflow at a watershed scale.
- Prioritizing equity and inclusiveness.
- Analyzing climate risks and adaptations at the watershed level.
- Collaborating across water, flood, groundwater, quality, forest/fire, ecosystem, land use.
- Developing metrics to track outcomes regionally and statewide.



*Watershed Resilience Program = **climate resilience** planning at a **watershed scale***

Watershed Resilience Pilot Projects



Calaveras River Watershed Resiliency Plan - Stockton East Water District

Vulnerability Assessment



Flood



Water Supply



Groundwater Basin



Surface Water Quality



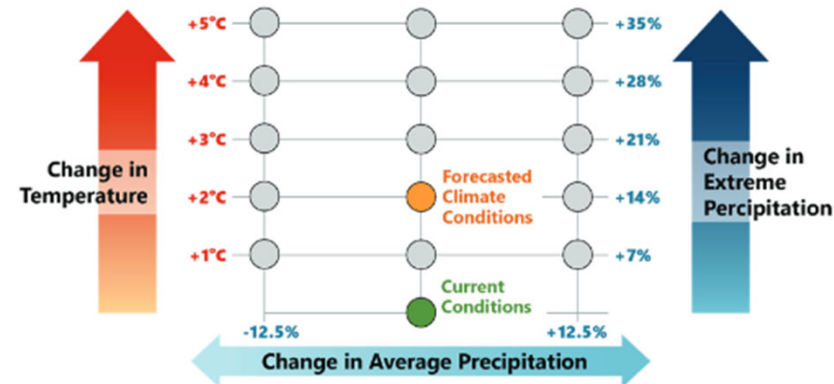
Wildfire



Economy



Climate Modeling



Calaveras River Watershed Resiliency Plan - Stockton East Water District

Vulnerability Assessment



Flood



Water Supply



Groundwater Basin



Surface Water Quality



Wildfire



Economy

Direct/Indirect Impacts

Direct impacts from the most probable climate change scenario could raise potential evapotranspiration by 1.7 inches and increase crop water demand by approximately 21,300 acre-feet per year (AFY).

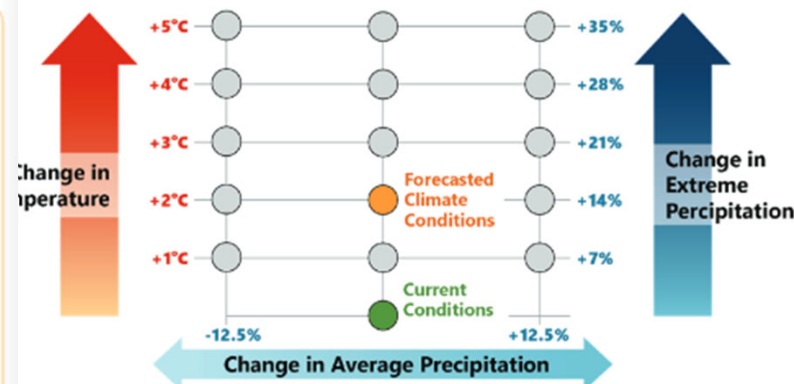
IMPACT: HYDROLOGY

Key Metric	Most Probable Scenario	Relative Impact
Δ Precipitation	100% of normal	=
Δ Extreme Precipitation	+14% of normal	↑

IMPACT: WATER DEMAND

Key Metric	Most Probable Scenario	Relative Impact
Δ Evapotranspiration	+0.7 in (+3.2%)	↑
Δ Water Demand	21,300 AFY (+3.8%)	↑

Climate Modeling



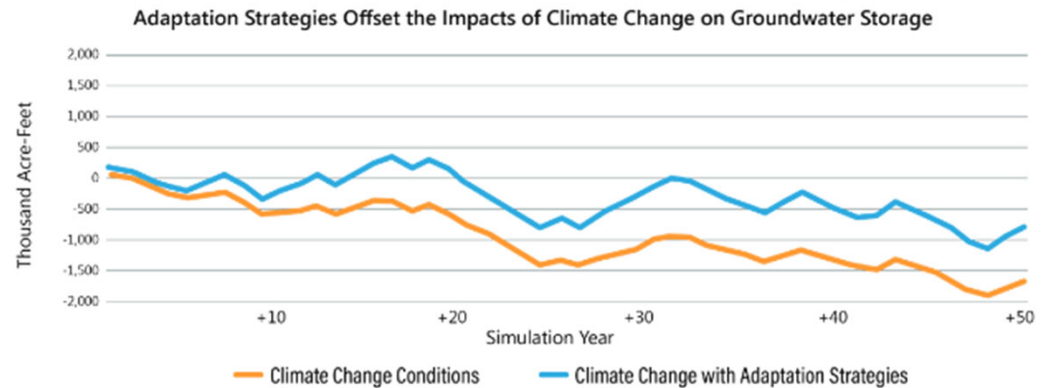
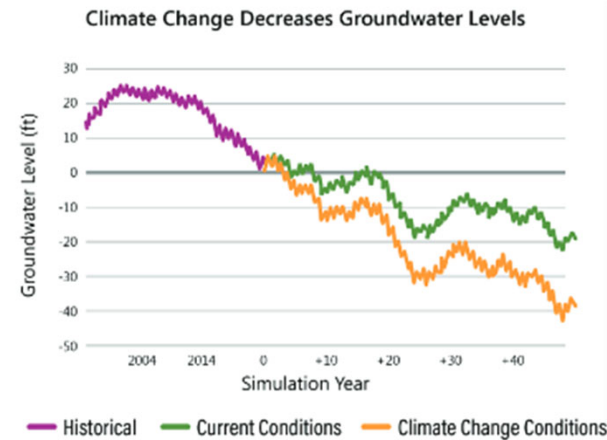
Calaveras River Watershed Resilience Plan

Adaptation Strategies:

Projects to increase climate resilience and decrease vulnerabilities in key areas

Calaveras Plan modeled the effects of several planned/conceptual projects including:

- Infrastructure improvements
- Well mitigation
- Land management
- Demand reduction
- Conjunctive use
- Groundwater recharge
- Flood control



Calaveras River Watershed Resilience Plan

Adaptation Strategies:

Projects to increase climate resilience and decrease vulnerabilities in key areas

Implementation Planning:

Optimize project schedules and capital costs

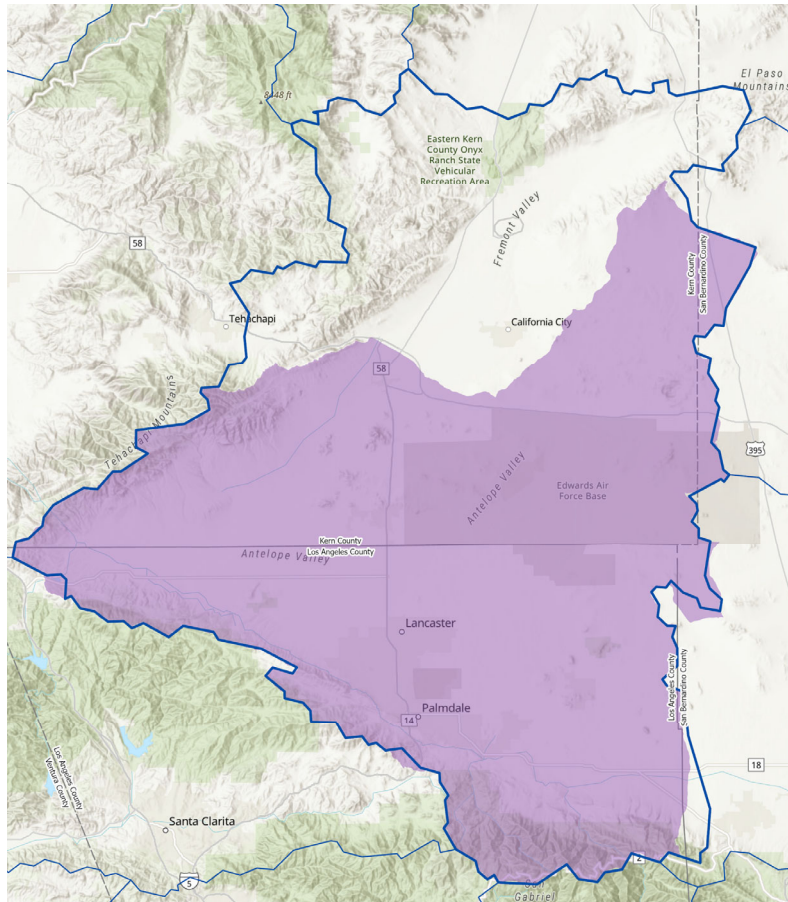
Performance Tracking:

Tracking key metrics to evaluate project progress

DWR Watershed Hub



Antelope-Fremont Valleys Subbasin



Legend

-  County Boundaries
-  Antelope Valley IRWM Region
-  HUC8 Boundaries
-  HUC8: Antelope-Fremont Valleys

Watershed Level: HUC8
8-digit USGS Hydrologic Unit Code

#18020127 Antelope-Fremont Valleys
Overlaps AV and Fremont Basin IRWM Regions

Watershed Resilience Planning

- ▶ Evolving out of California Water Plan
 - Concept introduced in 2023 CWP
 - Being further developed for 2028 and 2033
 - WEAP Modeling by HUC-8
 - Water balances by watershed
 - Incorporates available groundwater data by basin
- ▶ State interest in implementable projects
 - Understanding climate impacts
 - Responding to climate impacts
- ▶ TBD what the program details are going to be from a local/regional agency perspective – stay tuned!



Antelope Valley Water Plan Update

LA County Public Works / Woodard & Curran

AV Water Plan

- ▶ Met with some agencies in the region last week
- ▶ Rolling Action Plan steps up into the overall County Water Plan
- ▶ Should have more to update at next quarterly meeting



Public Comments, Announcements, and Adjournment

Next meeting scheduled for September 9, 2025

Announcement

- ▶ Notice for A-Team that consulting contract up end of 2027
- ▶ Sufficient budget for on-going activities for now but should start thinking about next contract/phase
- ▶ May want more information regarding Watershed Resilience vs IRWM but should be ready to act in 2027