



Antelope Valley IRWM

December 13, 2023

MS Teams Conference Call



**Woodard
& Curran**



Agenda

Roll Call

On-going regional funding

Project Updates

Antelope Valley Stormwater Resource Plan

Public Comment



Ongoing Regional Funding

Integrated Regional Water Management Program – Proposition 1 Round 2

- ▶ Agreement executed – starting work and reimbursements
- ▶ Awarded ~\$1 million to Antelope Valley IRWM Region
- ▶ Final round of existing IRWM funding through Prop 1

A Quick Look Ahead at Future Funding

- ▶ IRWM 20th Anniversary Film (40 min)
 - <https://www.youtube.com/watch?v=D-4X7-dEAZo>
- ▶ Potential Water Bond Measures next year
 - Still discussing the \$15M range
 - There may end up being some scaling back due to economic conditions
 - Should have a clearer picture in the first half of next year
 - Would be on Nov 2024 ballot, funding beginning in 2025 at the earliest
- ▶ Budget shortfalls and the end of existing bond funding may result in less available funding in the short-term



Project Updates

Project Updates

- ▶ IRWM Prop. 1 Round 1 Grant
 - RCSD - Wastewater Treatment Plant Rehabilitation and Groundwater Protection
 - AVEK - South North Intertie Pipeline Phase II Project
 - AVRCD - Antelope Valley Regional Conservation Project
 - PWD - Littlerock Dam Sediment Removal Project
- ▶ Urban and Multibenefit Drought Relief Grant
 - PWD - PWD Conservation and Education Garden
 - LRCID - Mills Track – Water Main Project
- ▶ IRWM Prop. 1 Round 2 Grant
 - AVRCD - Lawn Reduction Rebate Program
 - PWD - E. Ave Q Recycled Water Extension Project



Storm Water Resource Plan

Antelope Valley Stormwater Resource Plan

December 13, 2023

Presented by: Brenda Ponton, ENV SP, Woodard & Curran



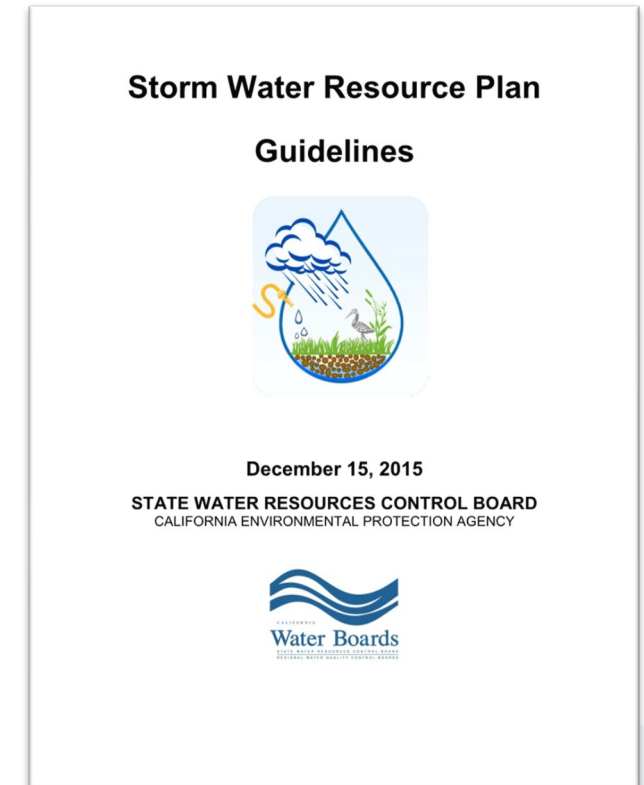
Agenda

- ▶ Stormwater Resource Plan (SWRP) Overview
- ▶ Q&A
- ▶ Next Steps

SWRP Overview

What is a SWRP?

- ▶ State Water Resources Control Board published SWRP Guidelines in 2015
- ▶ Integrated planning document specific to stormwater
- ▶ Focuses on regional watershed-based stormwater priorities
- ▶ Helps identify and develop multi-benefit projects for upcoming funding opportunities

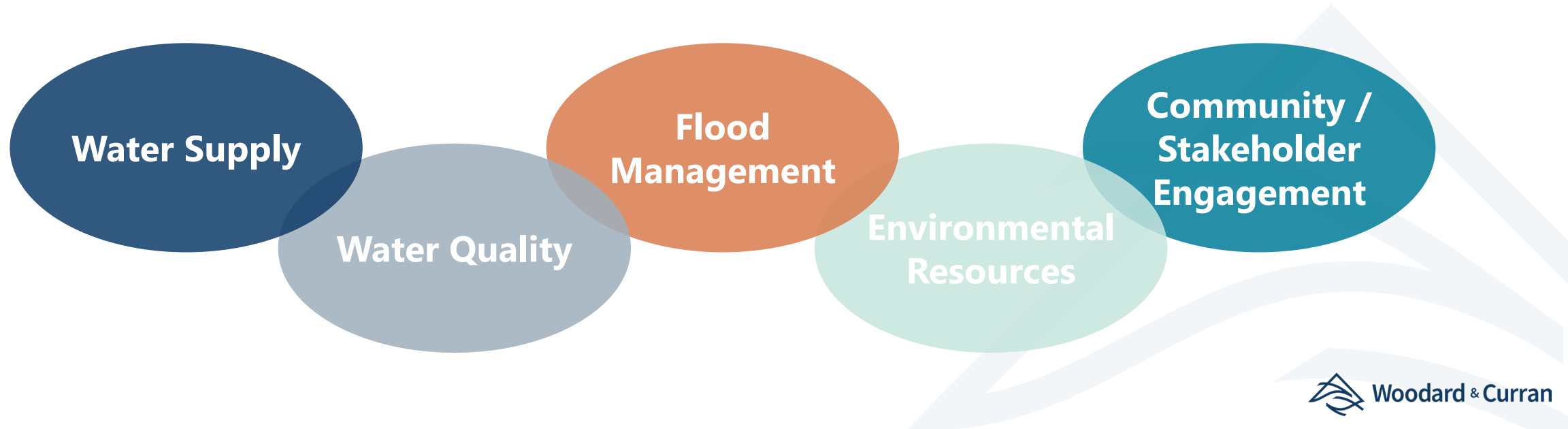


Why prepare a SWRP?

- ▶ SB 985 (2014) **requires** public agencies to develop a SWRP in order to receive state grant funding for stormwater and dry weather runoff capture projects
 - Applies to all state bonds approved after January 2014 funding, including future bond measures
 - For example:
 - Integrated Regional Water Management (IRWM) Grant Program
 - Sustainable Groundwater Management Grant Program
- ▶ Aligns with IRWM Objectives and Planning Targets
 - Reduce negative impacts of stormwater, urban runoff, and nuisance water, and adapt to climate change impacts in the future
 - Optimize the balance between protecting existing beneficial uses of stormwater and capturing stormwater for new uses
 - *Planning Target*: Coordinate a regional Stormwater Resource Plan and policy mechanism by the year 2025 and incorporate adaptive management strategies for climate change.

SWRP Goals and Objectives

- ▶ Provide regional watershed-based planning to address challenges and opportunities for managing stormwater and dry weather runoff
- ▶ Identify and prioritize stormwater and dry weather runoff projects that provide multiple benefits to help achieve watershed and regional planning goals



Example SWRP Projects

- ▶ Stormwater or dry-weather runoff projects, including:
 - Green infrastructure
 - Rainwater and stormwater capture
 - Stormwater treatment facilities

Augment local water supply through recharge or storage

Provide source control, onsite and local infiltration, and use

Reestablish natural water drainage treatment and infiltration systems

Develop, restore, or enhance habitat and open space

Use public open space, community gardens, agricultural preserves, schools, governmental buildings, etc.



Example SWRP projects from the IRWM Plan

▶ **Avenue P-8 Drainage Improvement (LACPW)**

- Consists of restoring the existing drainage adjacent to Avenue P-8 by removing the accumulated sediment and re-grading the invert below the street grade and maintaining a trapezoidal cross section with the side slopes lined with 18-inch-thick riprap. By restoring the natural stream, this project will provide potential for capturing rainwater and using it for future stormwater conservation projects



▶ **Groundwater Recharge and Flood Control Basins (City of Palmdale)**

- Multiple projects that include construction of detention basins for stormwater capture, providing flood management, wildlife habitat creation, and water quality improvement.



▶ **Stormwater Harvesting (Leona Valley Town Council)**

- Includes the construction of stormwater collection and conveyance facilities, water filtration devices, and cisterns and collection tanks, providing water supply and water quality benefits.

Major SWRP Components

Watershed Identification

Water Quality Compliance

Organization, Coordination, Collaboration

Quantitative Methods

Identification and Prioritization of Projects

Implementation Strategy and Schedule

Education, Outreach, Public Participation

Storm Water Resource Plan

Guidelines



December 15, 2015

STATE WATER RESOURCES CONTROL BOARD
CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY



Options for Antelope Valley SWRP

- ▶ What are your goals?
- ▶ AV SWRP would include:
 - Collaboration with local agencies, nongovernmental organizations, and communities
 - Identifying watershed priorities/water management objectives
 - Identifying multi-benefit stormwater and/or dry weather runoff capture projects & opportunities
 - Benefits quantified per metrics where able



Next Steps

Next Steps

- ▶ Decide if the Antelope Valley Region would like to develop a SWRP
- ▶ Decide who would lead the SWRP development
- ▶ Discuss funding options

Contact Info

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Public Comments, Announcements, and Adjournment

Next meeting scheduled for Mar 13, 2024