



Antelope Valley IRWM

June 12, 2024

MS Teams Conference Call



**Woodard
& Curran**



Agenda

On-going regional funding

Project Updates

2024 Amended and Restated MOU

Stormwater Resource Plan Workshop

Multi Agency Regional Resiliency Center Project

Public Comment



Ongoing Regional Funding

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

- ▶ Round 1 projects ongoing, 3 of them at or near completion
- ▶ Round 2 projects getting started; 1 project nearing construction
- ▶ Final round of existing IRWM funding through Prop 1

A Quick Look Ahead at Future Funding

- ▶ Potential Water Bond Measures in November
 - Still discussing final value; expecting \$8B-\$12B
 - Should know by end of month (June 27 deadline for legislature)
 - Would be on Nov 2024 ballot, funding beginning in 2025 at the earliest
 - Watershed resilience/IRWM (\$160M - \$200M)
 - Water recycling (\$240M - \$450M)
 - Stormwater capture (\$120M - \$250M)
 - Groundwater storage/SGMA (\$160M - \$400M)
- ▶ State Budget
 - Coming soon - June 15 deadline



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

2024 Amended and Restated MOU

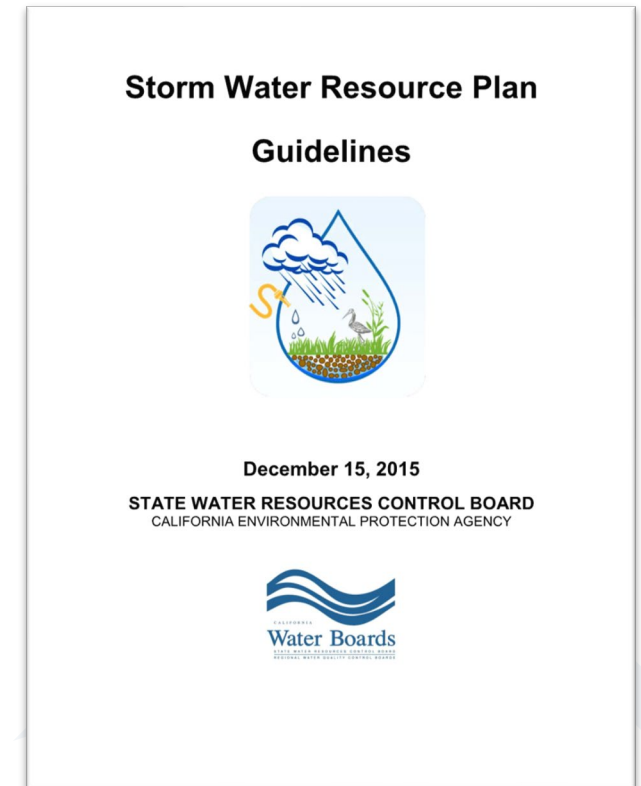
Stormwater Resource Plan Workshop

Discussion Topics

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

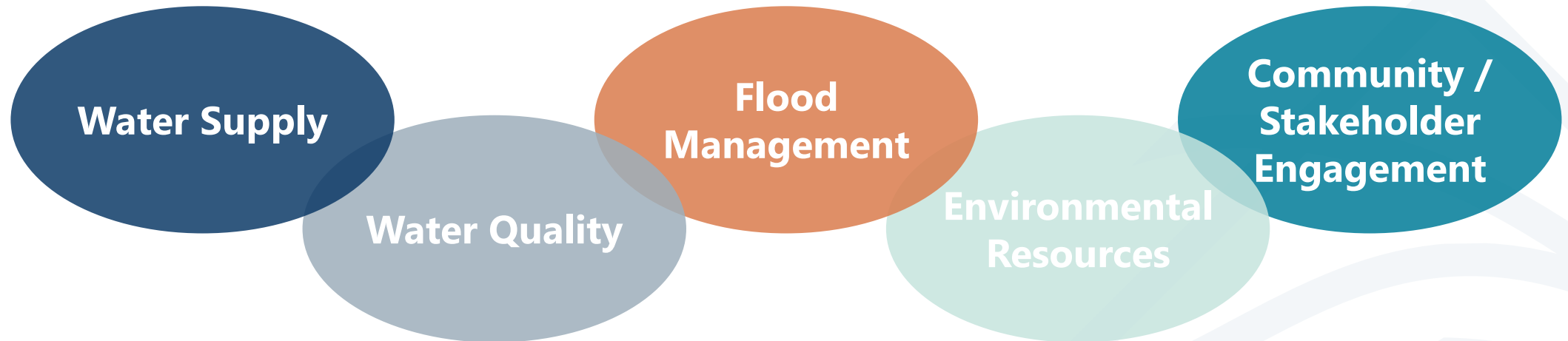
What is a SWRP and why prepare one?

- ▶ Integrated planning document specific to stormwater
- ▶ Focuses on regional watershed-based stormwater priorities
- ▶ Helps identify and develop multi-benefit projects for upcoming \$funding\$ opportunities
- ▶ SB 985 (2014) **requires** public agencies to develop a SWRP 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



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 on a watershed-scale that provide multiple benefits



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.



What could a SWRP look like for the Antelope Valley?

Plan Emphasis	Considerations	Est Cost Range
Separate SWRP Document meeting minimum SWRP Guidelines Requirements	Refer to IRWM plan to reduce rework and leverage projects that already are planned	~ \$100,00 - \$200,000
SWRP with additional analysis to identify issues and projects	Include studies to help identify projects e.g., flood modeling, recharge area analysis, water quality sampling, etc. and/or more outreach	~ \$150,000 - \$300,000
Update IRWM Plan to include SWRP components	Develop SWRP components concurrently with IRWM Update	~ \$350,000 - \$450,000

Discussion Topics

- ▶ Decide if the Antelope Valley Region would like to develop a SWRP
- ▶ Decide who would lead the SWRP development
- ▶ Discuss funding options and timeline
 - Nov. Bond measure is ~\$8-12B and is expected to include IRWM funding for planning and implementation
 - 3 potential outcomes for SWRP
 - Option 1: Stormwater – planning and implementation funding
 - Option 2: Stormwater – implementation funding only
 - Option 3: Bond does not pass

Flood, Stormwater, and Dry Weather Flow Capture Projects

Potential Project	Source	Description
Ave P-8 Drainage Improvement	IRWMP	Restoring drainage and natural stream
Palmdale Recharge and Flood Control	IRWMP	Detention basins for stormwater capture, flood management, habitat, and water quality improvements
Stormwater Harvesting (Leona Valley)	IRWMP	Construction of conveyance facilities, water filtration devices, and cisterns and collection tanks, providing water supply and water quality benefits
Ave Q and Ave R recharge and flood control (Palmdale)	Integrated Flood Mgmt Plan	Stormwater diversion and capture projects
Littlerock Creek Groundwater Recharge and Recovery	Integrated Flood Mgmt Plan	AVSWCA joint recharge project; developed pilot project
Big Rock Creek Recharge	New	AVSWCA joint recharge project; Feasibility complete

Example Timeline

1. July 2024: Group decides to move forward with SWRP creation
2. Aug 2024: Interested Agencies meet to discuss cost split and contracting approach
3. Sept - Nov 2024: Contracting for SWRP
4. Nov 2024: SWRP Kickoff
5. Nov 2024 – July 2025: Plan Development
6. Aug 2025: Finalize Plan
7. July 2025: Pursue grant funding for projects (need plan finalized by grant agreement deadline)

Multi Agency Regional Resiliency Center Project

Public Comments, Announcements, and Adjournment

Next meeting scheduled for Sep 11, 2024