



Antelope Valley IRWM

December 14, 2022

MS Teams Conference Call



**Woodard
& Curran**



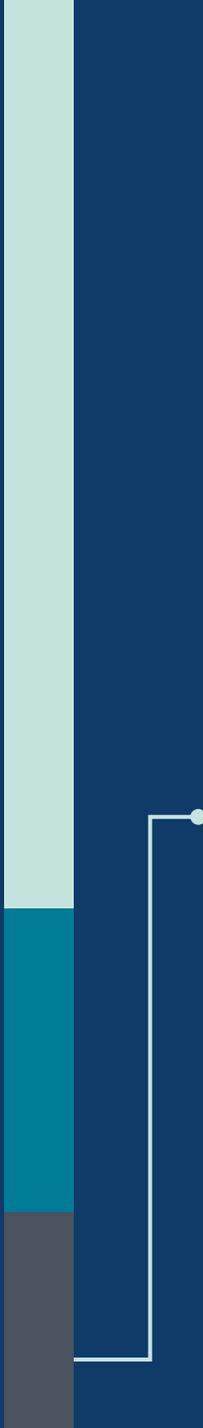
Objectives

Project updates

Project additions/updates to the AV IRWM Plan

AV IRWM Prop. 1 Round 2 grant application

Stormwater Resources Plan



Funding Updates

Funding 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

Approve project
additions/updates to the AV
IRWM Plan



Projects recommended for inclusion in AV IRWM Plan

| Sponsor | Name | Description | Status | Cost |
|------------------|---|---|------------------------|---------|
| AVRCD | Lawn Reduction Rebate Program | Extend existing Lawn Reduction Rebate program to an additional 75,000 sq. ft. | | \$397K |
| City of Palmdale | Upper Amargosa Creek Groundwater Recharge Project | Complete required environmental impact mitigation planting and monitoring on City-owned property for the existing 7 recharge basins with infiltration up to 9,400 AFY | Design | \$1-10M |
| LACPW | Closure of P-8 and Frontier Circus | Acquire drainage easements to relieve flooding to multiple private properties | | |
| PWD | E. Ave Q Recycled Water Extension | Install ~ 5,280 LF of 12-in pipeline in E. Avenue Q. Influent pipeline that will provide RW to the PRWA's planned Pure Water AV Advanced Water Treatment Demonstration Facility; may also serve 1 school and PWD's equipment yard | Ready for construction | \$2.19M |

Next step: Amend AV IRWM Plan Appendix K

AV IRWM Prop. 1 Round 2 grant application

Integrated Regional Water Management Program – Proposition 1 Round 2

- ▶ Funding: ~\$1M available for Antelope Valley IRWM Region
- ▶ Timeline: Final PSP released May 2022
- ▶ **Deadline: February 1, 2023**

Projects considered for inclusion in AV IRWM Plan

| Sponsor | Name | Description | Status | Cost |
|---------|-----------------------------------|---|------------------------|---------|
| AVSWCA | Grant Administration | Project administration | On-going | \$21K |
| AVRCD | Lawn Reduction Rebate Program | Extend existing Lawn Reduction Rebate program to an additional 75,000 sq. ft. | Implementation 2024 | \$397K |
| PWD | E. Ave Q Recycled Water Extension | Install ~ 5,280 LF of 12-in pipeline in E. Avenue Q. Influent pipeline that will provide RW to the PRWA's planned Pure Water AV Advanced Water Treatment Demonstration Facility; may also serve 1 school and PWD's equipment yard | Ready for construction | \$2.19M |

Funding

| Grant Administration | | AVRCD Lawn Reduction Rebate Program | | PWD E. Ave Q Recycled Water Extension | |
|----------------------|-------|---|-------|---|-------|
| \$20,534 | | \$396,786 | | \$2,191,908 | |
| Funding | Match | Funding | Match | Funding | Match |
| \$20,534 | \$0 | \$391,786 | \$0 | \$587,578 | \$0 |

Total available: \$999,898
Match: waived (DAC projects)

Schedule

12/19-1/6

- LPS review application 1

1/9-1/10

- W&C address comments 1

1/11 – 1/17

- LPS and AVSWCA review application 2

1/18 – 1/20

- W&C address comments 2

1/20

- W&C compile and submit application

2/1

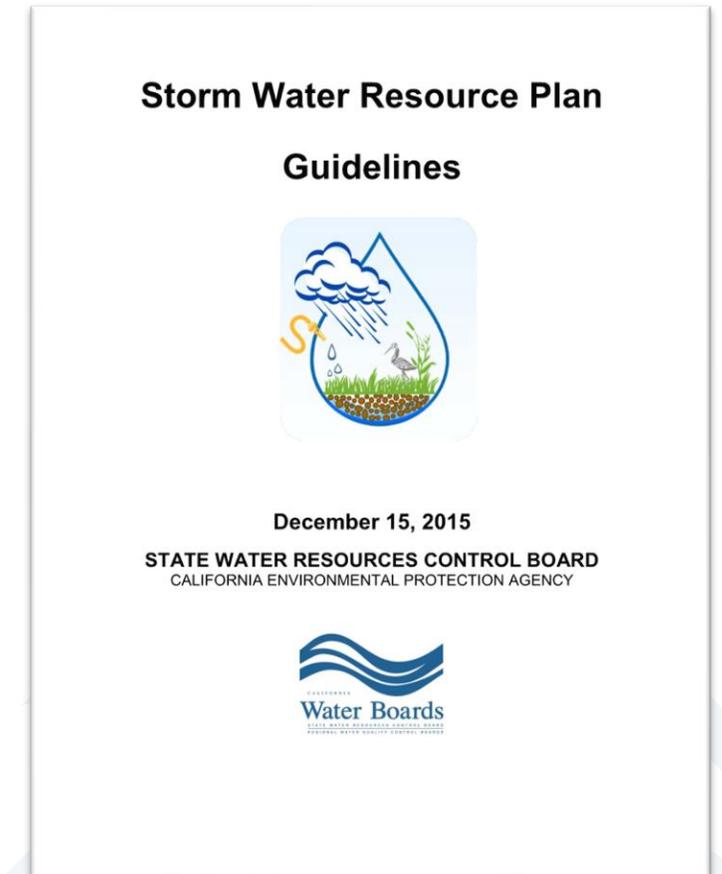
- DWR application deadline



Stormwater Resources Plan

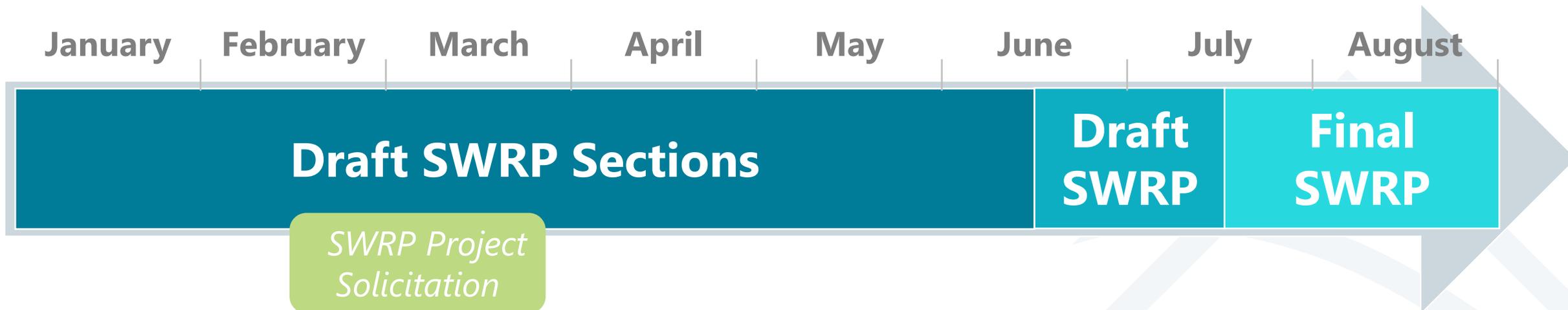
What is a SWRP?

- ▶ SWRCB published SWRP Guidelines in 2015
- ▶ Integrated planning document specific to stormwater
- ▶ Focuses on regional watershed-based stormwater priorities
- ▶ Helps 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 2014 (e.g., IRWM & Sustainable Groundwater Management grants)



Stormwater Resources Plan (SWRP)

- ▶ SWRP development
 - Cost ranges from \$200 - \$300k
 - Schedule ranges from 6-12 months
- ▶ Example schedule:



Key SWRP Elements

- ✓ Watershed Identification
- ✓ Water Quality Compliance
- ✓ Organization, Coordination, Collaboration
- ✓ Quantitative Methods
- ✓ Identification and Prioritization of Projects
- ✓ Implementation Strategy and Schedule
- ✓ Education, Outreach, Public Participation

Appendix A: Checklist and Self-Certification

Checklist Instructions:

For each element listed below, review the applicable section in the Storm Water Resource Plan Guidelines and enter ALL of the following information.

- A. Mark the box if the Storm Water Resource Plan, or a functional equivalent Plan, meets the provision
- B. In the provided space labeled References, enter:
1. Title of document(s) that contain the information;
 2. The chapter/section, and page number(s) where the information is located within the document(s);
 3. The entity(ies) that prepared the document(s);
 4. The date the document(s) was prepared, and subsequent updates; and
 5. Where each document can be accessed (website address or attached).

| STORM WATER RESOURCE PLAN CHECKLIST AND SELF-CERTIFICATION | | |
|--|--------------|--------------------|
| Mandatory Required Elements per California Water Code are Shaded | | |
| Y/N | Plan Element | Water Code Section |

| WATERSHED IDENTIFICATION (GUIDELINES SECTION VI.A) | | |
|---|---|-------------------------------------|
| <input type="checkbox"/> | Plan identifies watershed and subwatershed(s) for storm water resource planning. | 10565(c) 10562(b)(1) 10565(c) |
| References: | | |
| <input type="checkbox"/> | Plan is developed on a watershed basis, using boundaries as delineated by USGS, CalWater, USGS Hydrologic Unit designations, or an applicable integrated regional water management group, and includes a description and boundary map of each watershed and sub-watershed applicable to the Plan. | |
| References: | | |

¹ All documents referenced must include a website address. If a document is not accessible to the public electronically, the document must be attached in the form of an electronic file (e.g. pdf or Word 2013) on a compact disk or other electronic transmittal tool.