

Antelope Valley
Integrated Regional Water Management

Stakeholder Meeting
Funding Updates

January 14, 2015

Presenter:
Brian Dietrick, P.E.



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Agenda

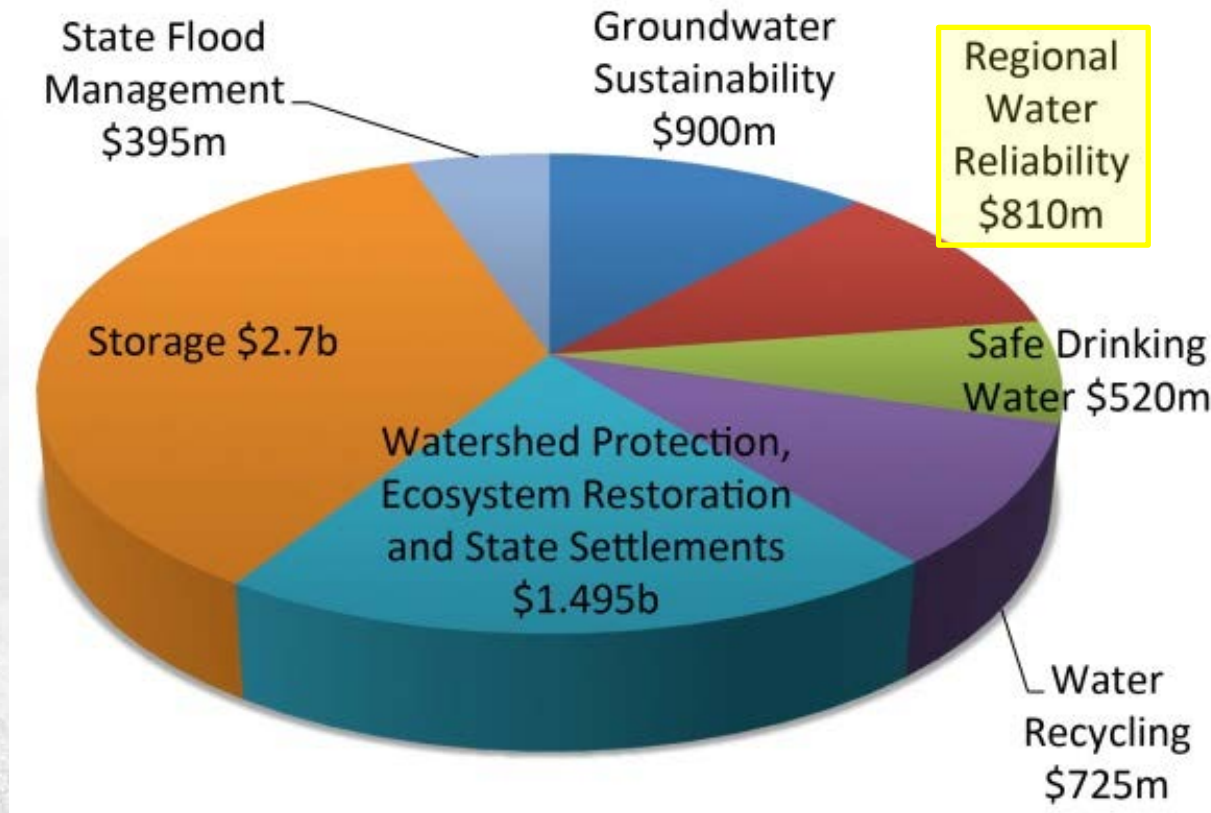
- 1) Proposition 84, Round 4 Update
- 2) Proposition 1
- 3) Groundwater Sustainability Act

Prop 84, Round 4 Update

- **\$230M** total remaining
- Lahontan Region – **\$6.1M** remaining
 - \$1.7M awarded to AV in Round 3 (LA Cty Waterworks)
- Expected **Fall 2015**
- Commitment to Lahontan group



Prop. 1 – “Water Bond” Breakdown



Total: \$7.5 billion

Regional Benefits of Prop 1

- IRWM Regional Allocations: **\$510M Total**
- North & South Lahontan combined: **\$24.5M**
- All regions also eligible to compete for the other \$3B available for recycled water, desal, drinking water, and groundwater storage/cleanup



Prop. 1 Funding Includes IRWM

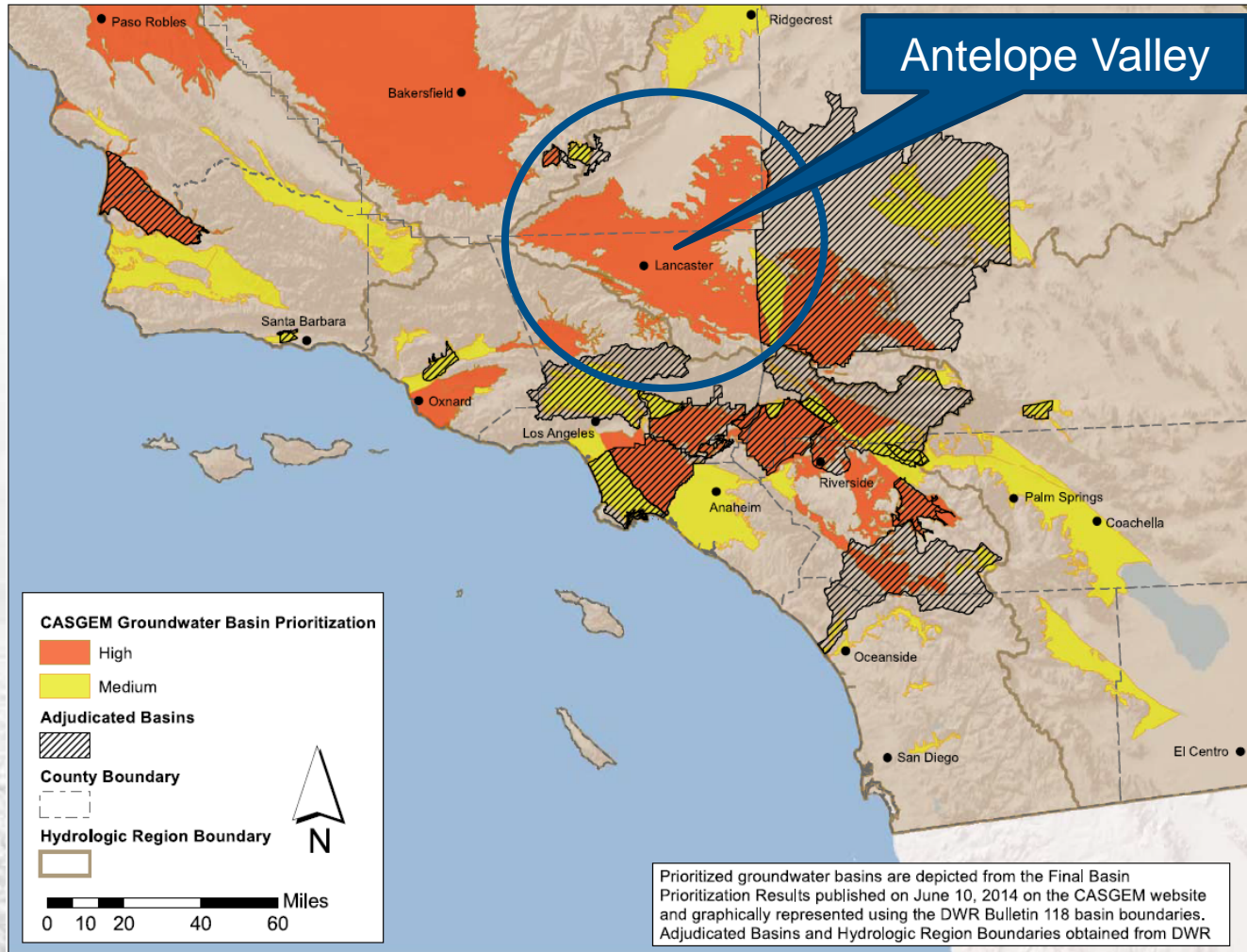
- **Regional Water Reliability (\$810M)**
 - \$510M for IRWM, similar to Prop 84
 - \$200M for Stormwater Capture
 - \$100M for Water Conservation
- **Water Storage (\$2.7B)**
 - Funds for projects in regions connected to the Bay-Delta watershed
- **Water Recycling (\$725M)**
 - Funds can be used to build new recycled water pipelines, test new treatment technology or build desalination plants
- **Groundwater Sustainability (\$900M)**
 - Groundwater protection and cleanup programs
 - Development and implementation of groundwater sustainability plans
- **Safe Drinking Water (\$520M)**
 - Safe drinking water and clean water programs (particularly DACs)
 - Wastewater programs and drinking water infrastructure
- **Watersheds and Flood Management (\$1.89B)**
 - Habitat programs, enhancements to rivers and creeks, statewide flood management

2014 Groundwater Sustainability Act

(SB 1168, AB1739, SB1319)

- Requires formation of local Groundwater Sustainability Agencies (GSAs)
- GSAs for **high-** and **medium-priority** basins must adopt groundwater sustainability plans (GSPs) within 5 to 7 years
- GSAs will implement the GSPs over 20 years
- Agencies may adopt a single plan covering an entire basin or combine a number of plans created by multiple agencies
- DWR sets initial priorities by Jan 31, 2015

Antelope Valley is a High Priority Basin



GW Sustainability Plans are Required

- GSPs will include information on:
 - groundwater levels
 - groundwater quality
 - subsidence
 - groundwater-surface water interaction
 - historical and projected water demands and supplies
 - monitoring and management provisions
 - a description of how the plan will affect other plans
- GSPs will be evaluated every 5 years
- Prop. 1 will provide \$100M in funding to GSAs to develop and implement GSPs
- GSP preparation is exempt from CEQA
- Avoid “undesirable results” (overdraft, poor quality, etc.)

Financial and Technical Assistance

- Grants to local agencies
- DWR or a GSA may provide technical assistance to extractors or users of groundwater
- DWR will publish:
 - A report estimating water available for groundwater replenishment by Dec. 31, 2016
 - Best management practices for sustainable groundwater management by Jan. 1, 2017



GW Sustainability Act Important Dates

Action	Deadline	DWR/SWRCB Intervention?
DWR groundwater replenishment report	Dec. 2016	N/A
DWR sustainable GW management BMPs	Jan. 2017	N/A
Formation of GSAs	June 2017	No GSA
Completion of GSPs in critically over-drafted basins	2020	No GSP or GSP inadequate
Completion of GSPs in all other basins	2022	No GSP or GSP inadequate and basin is in long-term overdraft
Implementation of GSPs under local management	2025	GSP inadequate and significant depletion of interconnected surface waters

Groundwater Sustainability Agency Authority

- GSA's will have the authority to:
 - Adopt rules, regulations, ordinances, resolutions
 - Conduct investigations of water rights
 - Require registration of groundwater wells, metering, reporting, monitoring, investigation
 - Administer replenishment, reclaimed water, and other programs
 - Regulate, limit or suspend groundwater production and/or new groundwater wells, or otherwise establish groundwater production allocations
 - Require annual extraction reports and assess fees
 - Request a revision of a groundwater basin boundary, including establishing new subbasins

Groundwater Sustainability Act Summary

- Mandatory for “priority basins”
 - Groundwater Sustainability Agency by 2017
 - Groundwater Sustainability Plan by 2020/2022
 - Plan must achieve sustainability in 20 years (water quantity and quality elements).
 - Avoid “undesirable results”
 - State intervention in some cases
 - Comprehensive timeline
- http://opr.ca.gov/s_groundwater.php

Open Discussion/Q&A



Courtesy of Richard Caulkins