



PUBLIC WORKS
LOS ANGELES COUNTY

Los Angeles County Department of Public Works

INCREASING RELIABILITY AND RESILIENCY: STORMWATER

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LA Region's Sources of Water

1/3 Local

- ❑ Groundwater
- ❑ Local Surface
- ❑ Reclaimed



2/3 Imported



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On average **210,000** AFY of stormwater is recharged by a system of **14** dams and **26** spreading grounds and **480** miles of channels





Major Dams and Reservoirs



Morris Dam



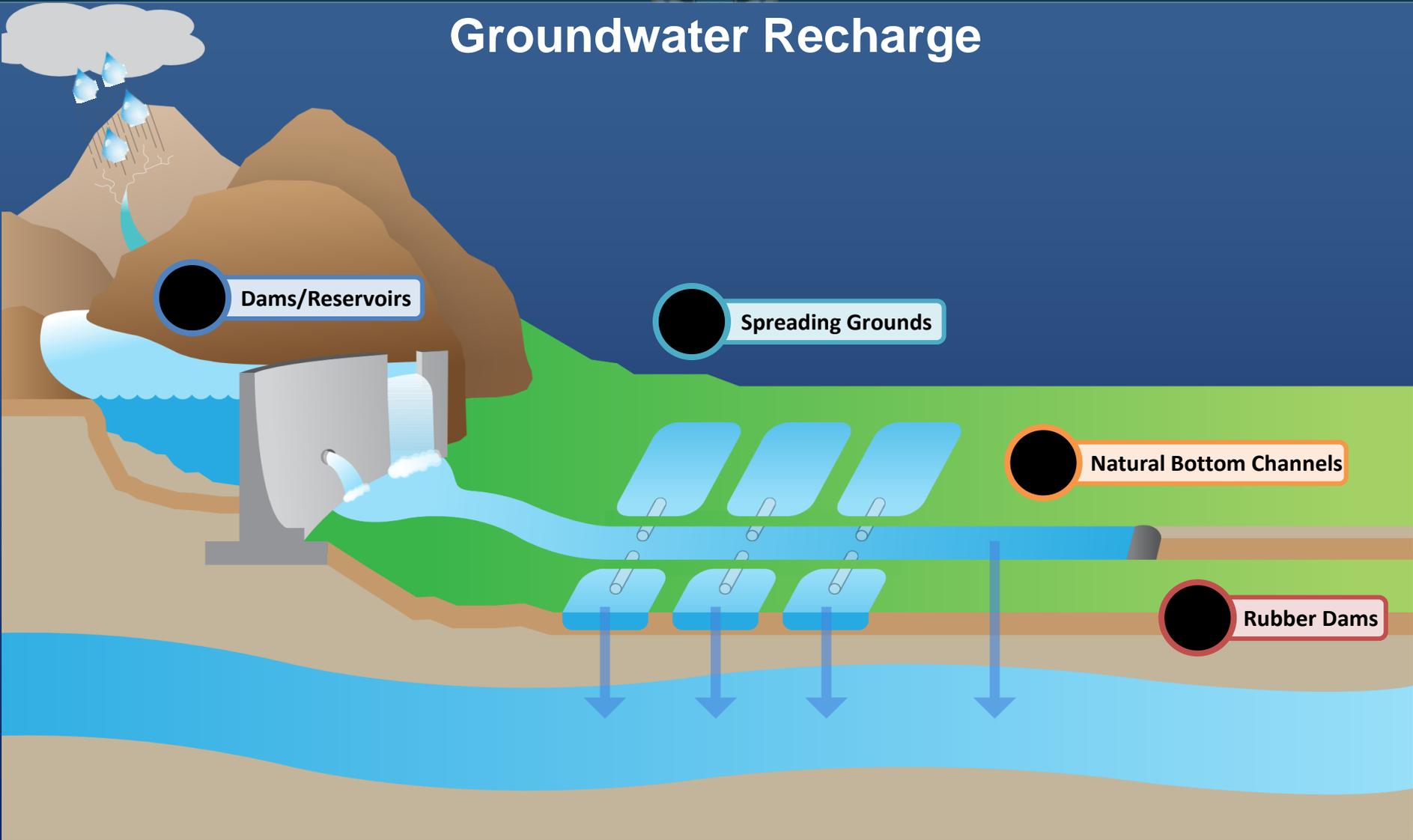
Spreading Grounds



Hansen Spreading Grounds



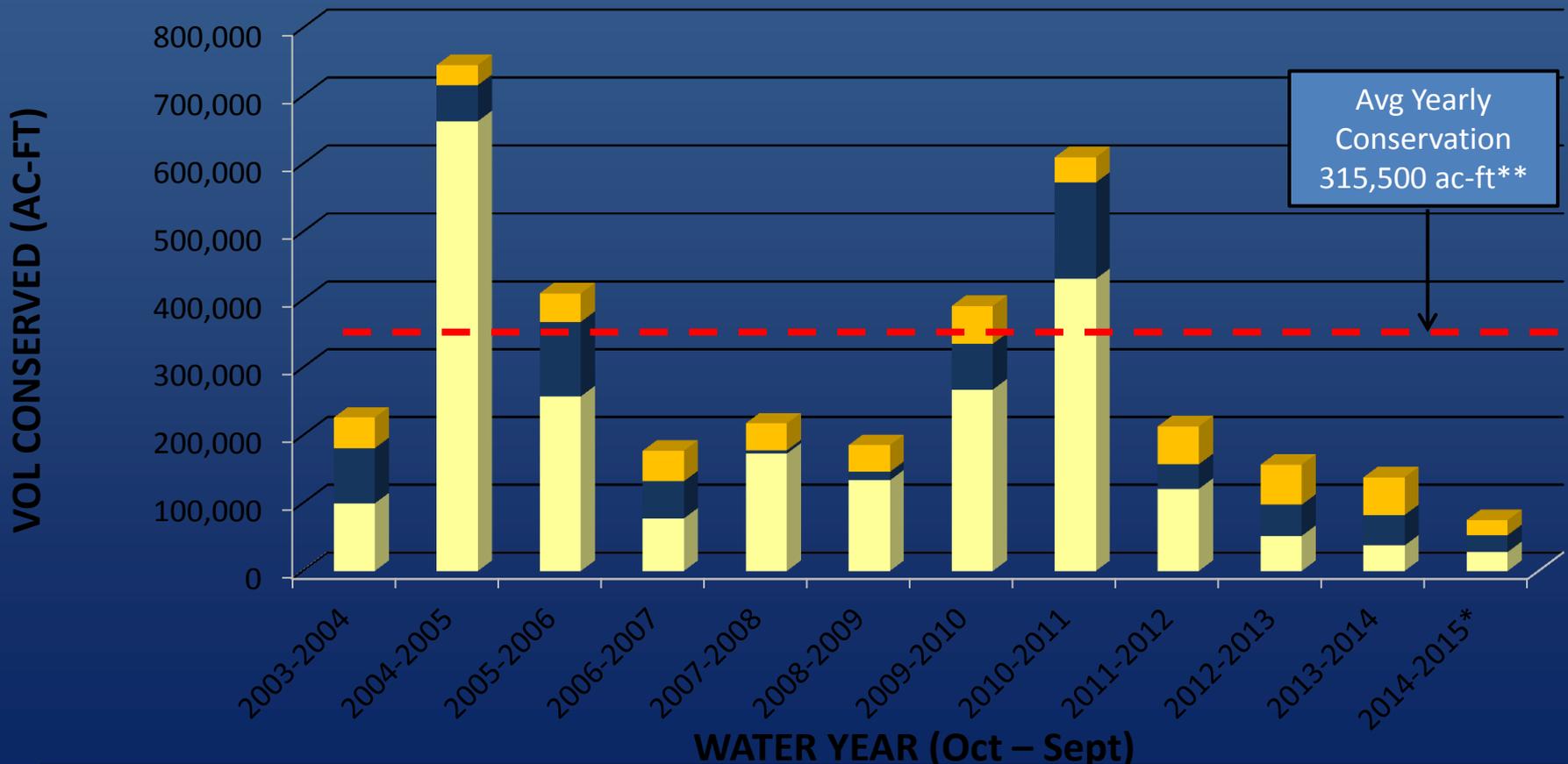
Groundwater Recharge





Flood Control District Groundwater Recharge

Stormwater Imported Recycled



Avg Yearly Conservation
315,500 ac-ft**

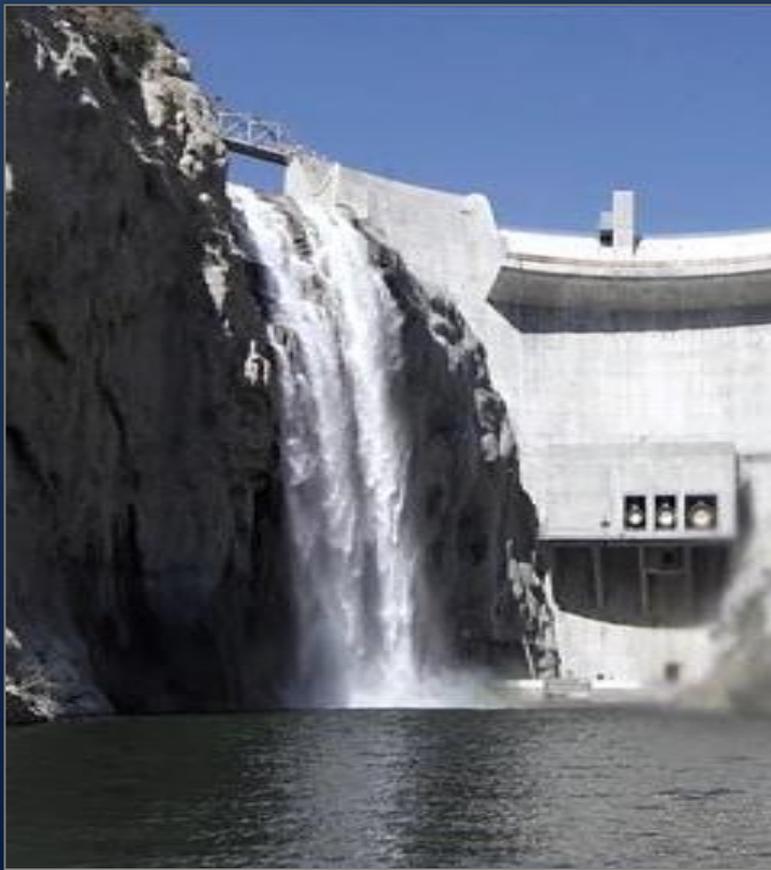


Infrastructure Investments



Big Tujunga Dam Dam

Los Angeles Basin Stormwater Conservation Study



Objectives

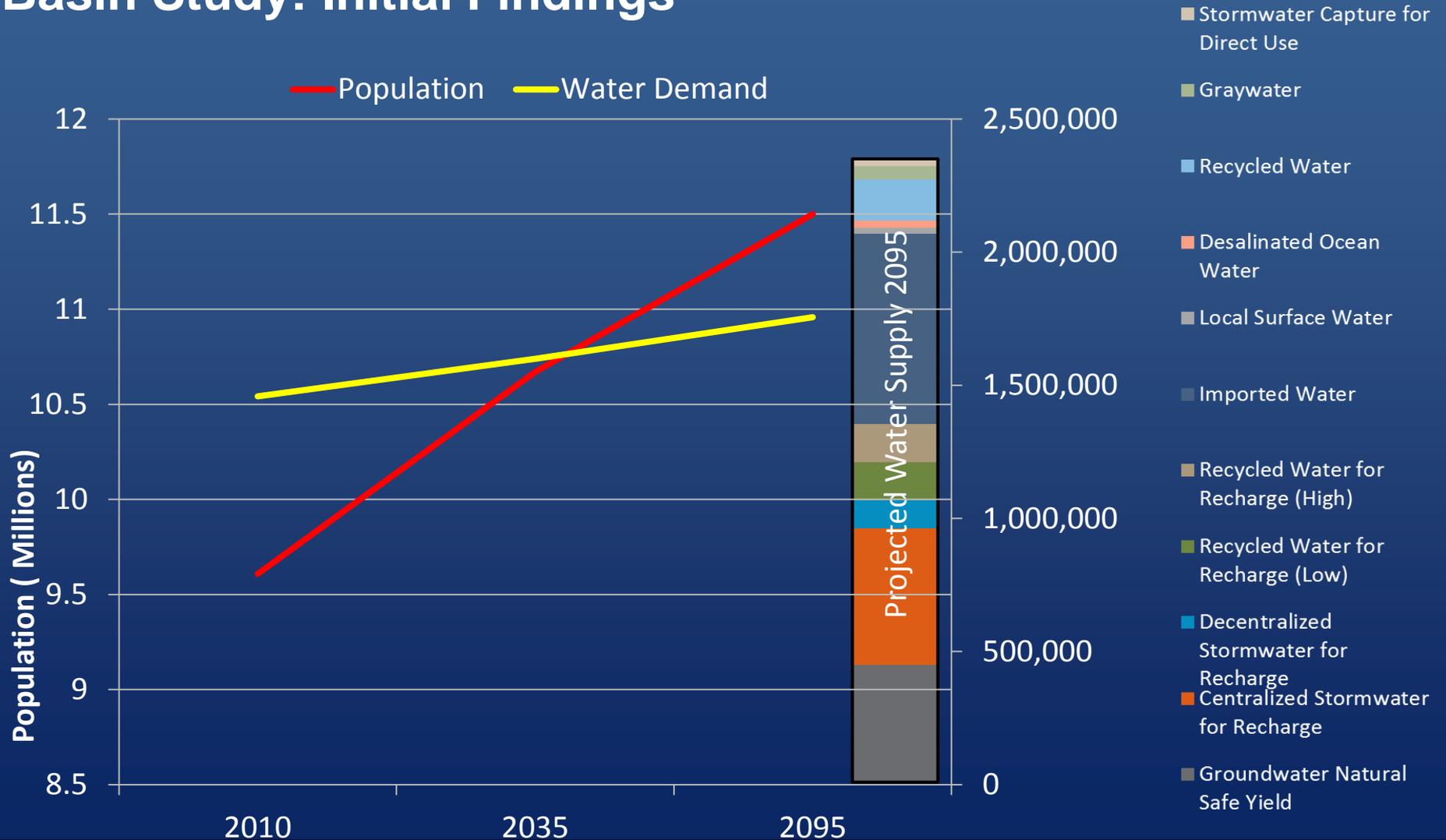
- 1) Evaluate *EXISTING* water conservation under *FUTURE* conditions
- 2) Evaluate *POTENTIAL NEW* facilities & operational changes for climate change

key
concerns

Climate Change

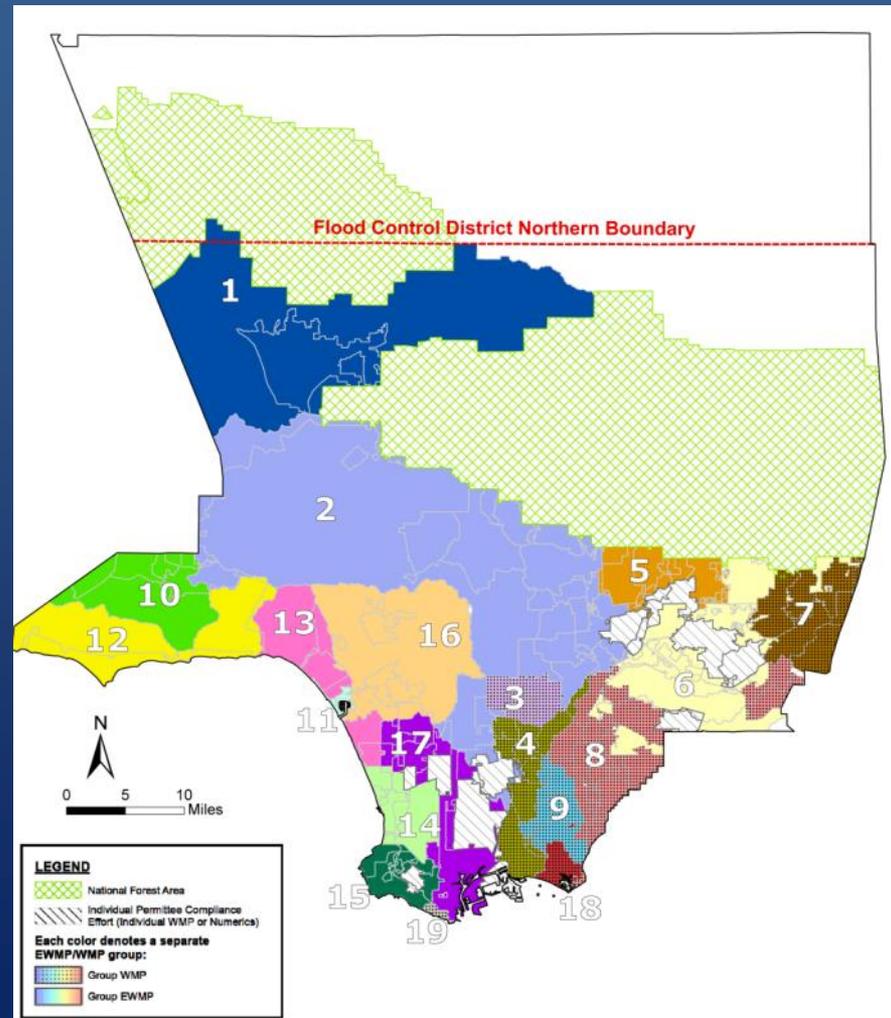
Population Growth

Basin Study: Initial Findings



Collaborative Watershed Planning Under the 2012 MS4 Permit

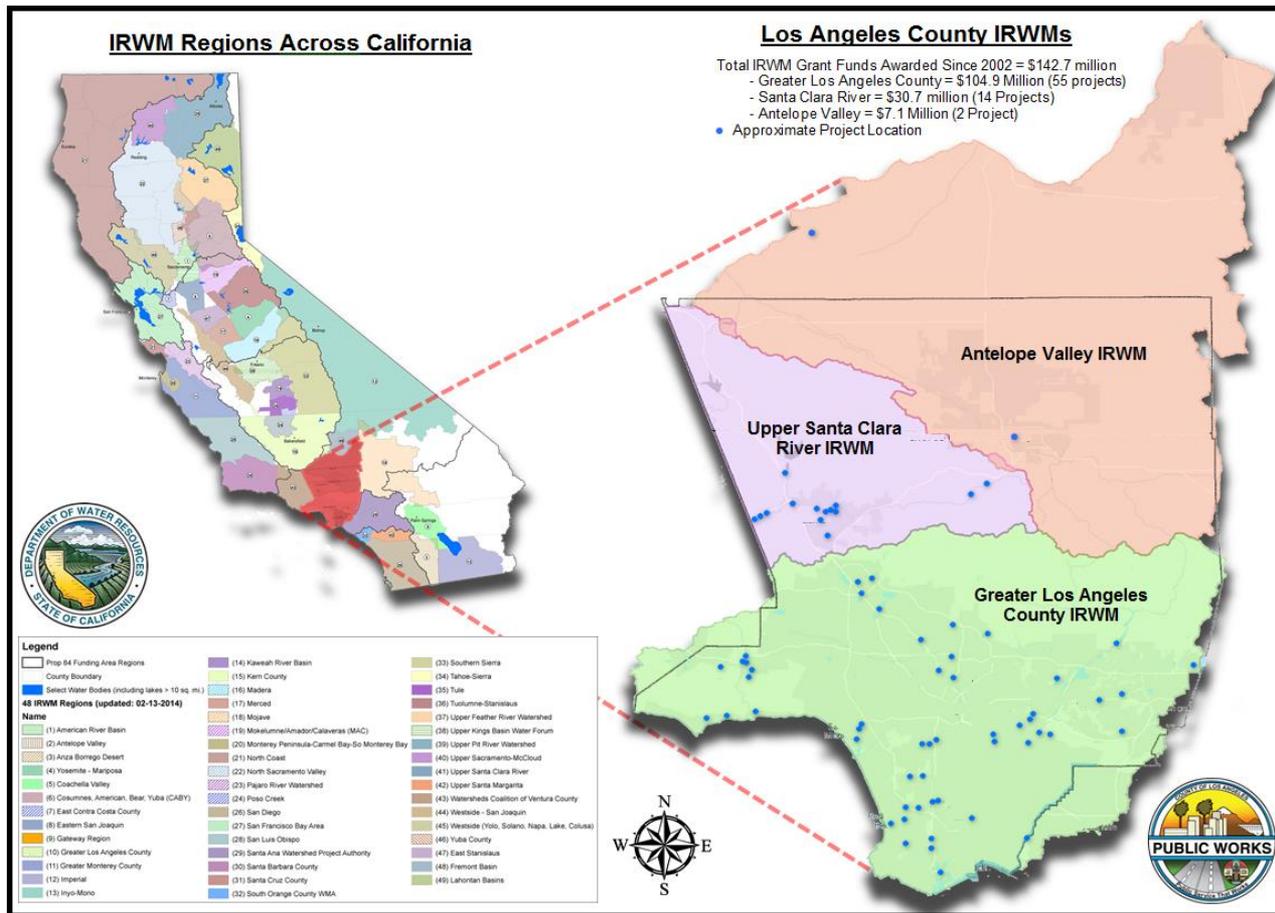
- ❑ Address water quality concerns, including 33 TMDLs
- ❑ Increase stormwater reuse
- ❑ Augment water supply





Integrated Regional Water Management

COUNTY OF LOS ANGELES IRWM REGIONS AND PROJECT LOCATIONS



IRWM Grant Funding to Date

Group	# of Projects	Grant Award
Greater LA	52	\$101,047,295
Gateway	3	\$3,941,966
Antelope Valley	2	\$7,066,244
Santa Clara River	<u>14</u>	<u>\$30,681,520</u>
TOTAL	71	\$142,737,025

Local Funding Options

- ❑ Water Quality, Supply, and Infrastructure Improvement Act of 2014 (Proposition 1)
- ❑ State and Federal Loans and Loan Guarantee Programs
- ❑ Short and Long-Term Financing Options
- ❑ Hybrid Financing Programs
- ❑ Assessment Fees

Summary

- ❑ Investing in Stormwater for Local Sustainability
- ❑ Public Education and Involvement
- ❑ Integrated, Collaborative Planning

