



Proposition 1 Funding Opportunities for Los Angeles

Southern California Water Dialogue

The Water Bond: Under the Microscope

September 24, 2014

Martin Adams, P.E.

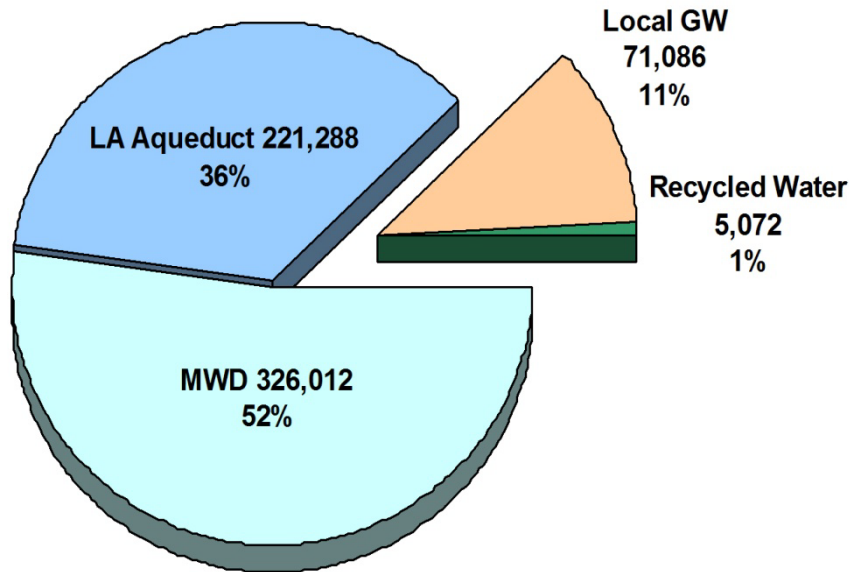
Deputy Senior Assistant General Manager

Los Angeles Department of Water and Power

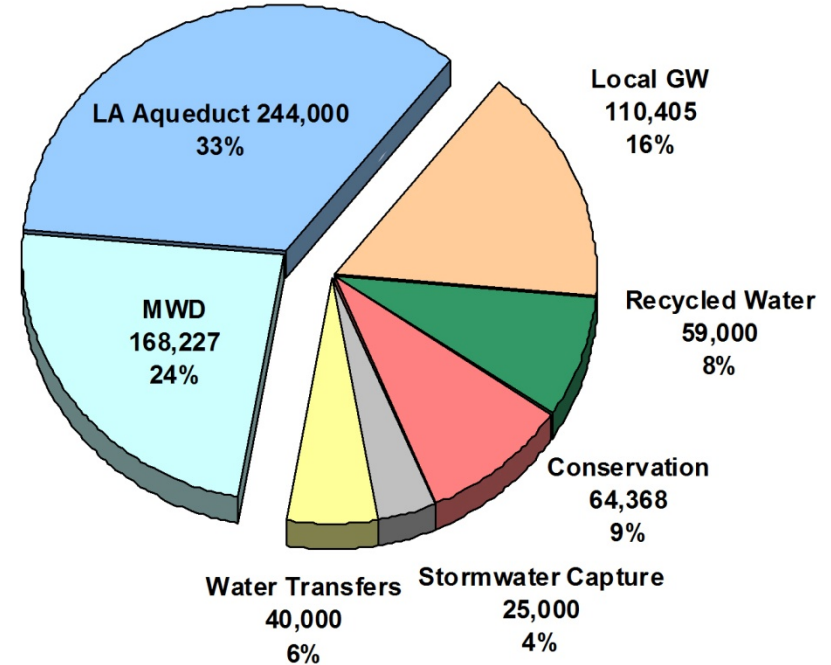




FYE 2006 – 2010 Average
Total: 621,700 AFY



Fiscal Year 2034 – 35
Total: 711,000 AFY



Note: Charts do not reflect 100,000 AF of existing conservation



City of
Los Angeles

Groundwater Basin Remediation Is Critical for Water Supply Reliability



Recycled Water



Stormwater Capture



Water Conservation

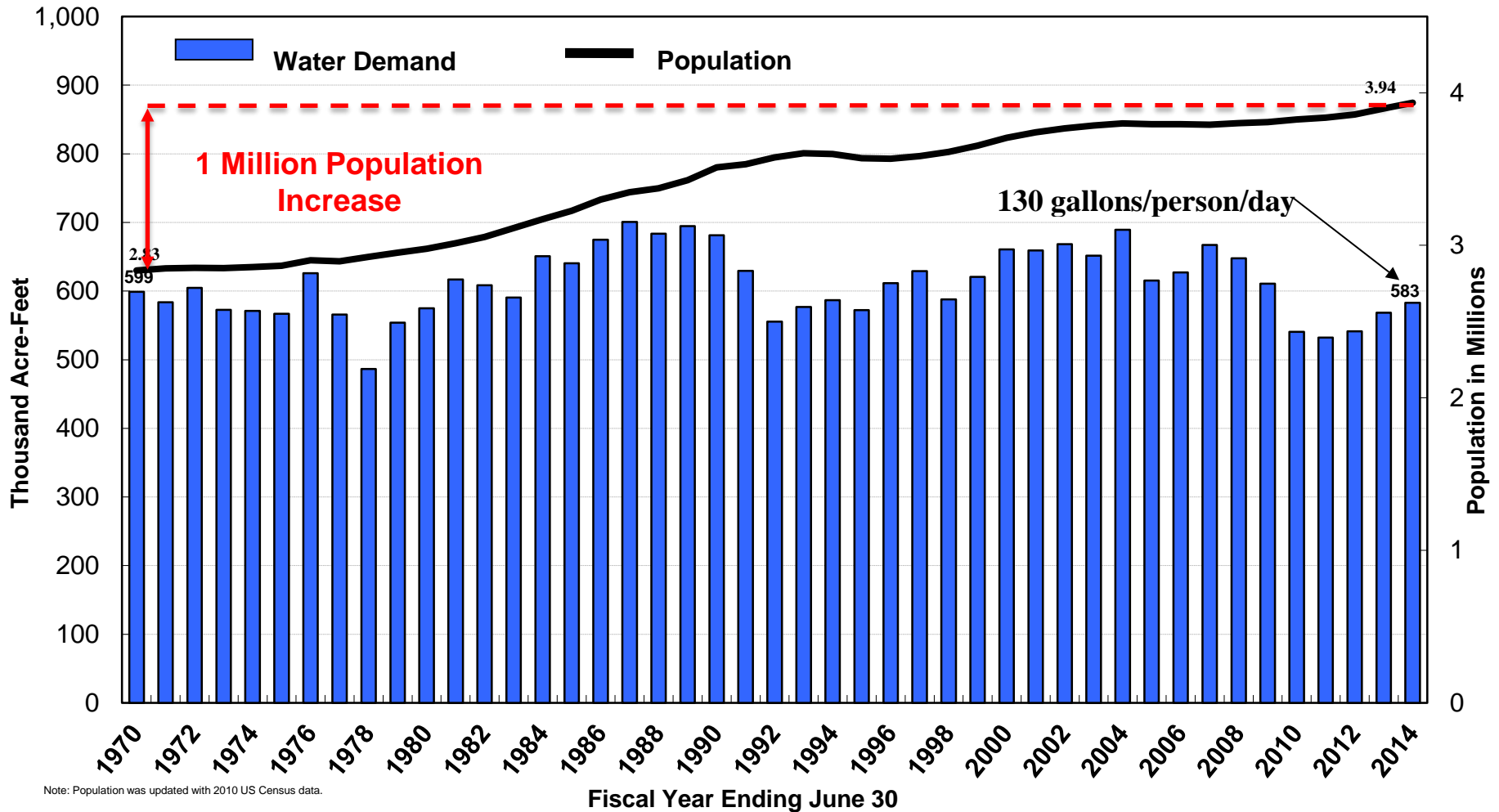


SF Groundwater Basin Remediation

Local Water Supply Reliability

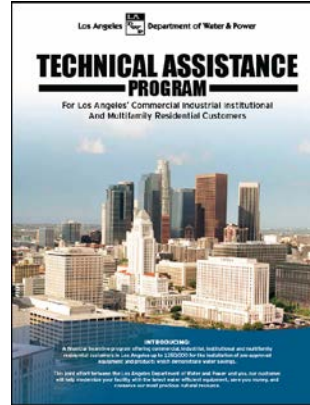


LA is a Leader in Water Conservation

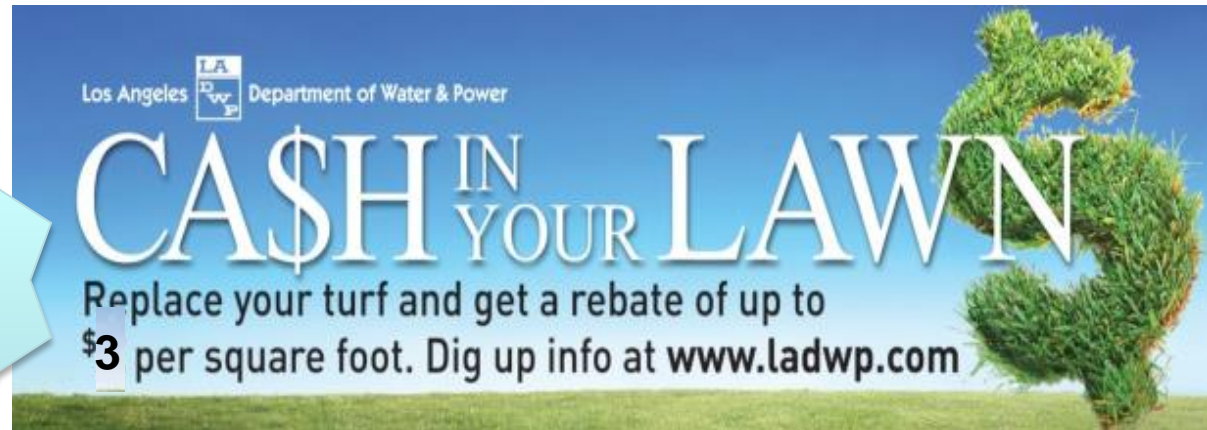




- Commercial/Industrial
 - Technical Assistance Program
 - CA Friendly Landscape (\$3 per SF)
- Residential Customers
 - CA Friendly Landscape (\$3 per SF)



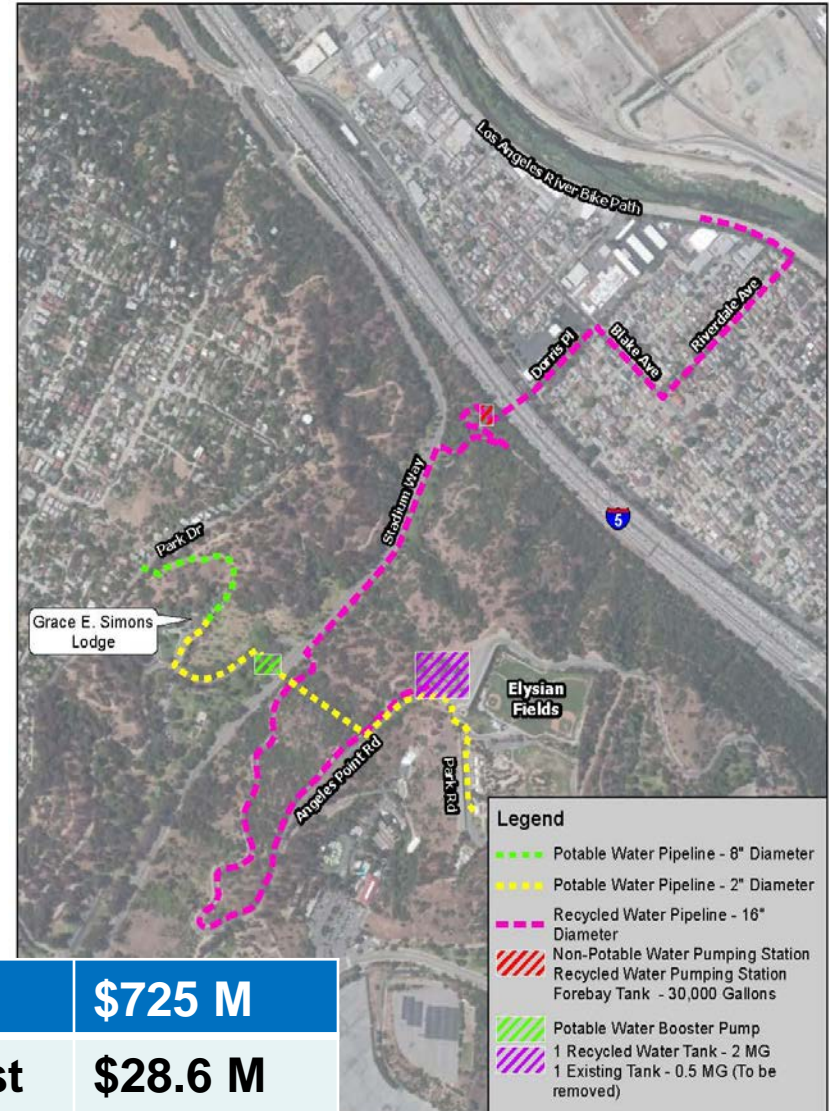
2014
2 Million SF of Lawn replaced



Chapter 7 – Water Conservation & Water-Use Efficiency	\$100 Million
Water Conservation Programs/Projects	Up to 50% match



- New 16-inch recycled water pipeline totaling approximately 10,800 linear feet or 2 miles
- 2 million gallon recycled water storage tank
- Recycled water pumping station & non-potable pumping station
- 30,000 gallon forebay tank
- Booster pump housed within an existing pumping station

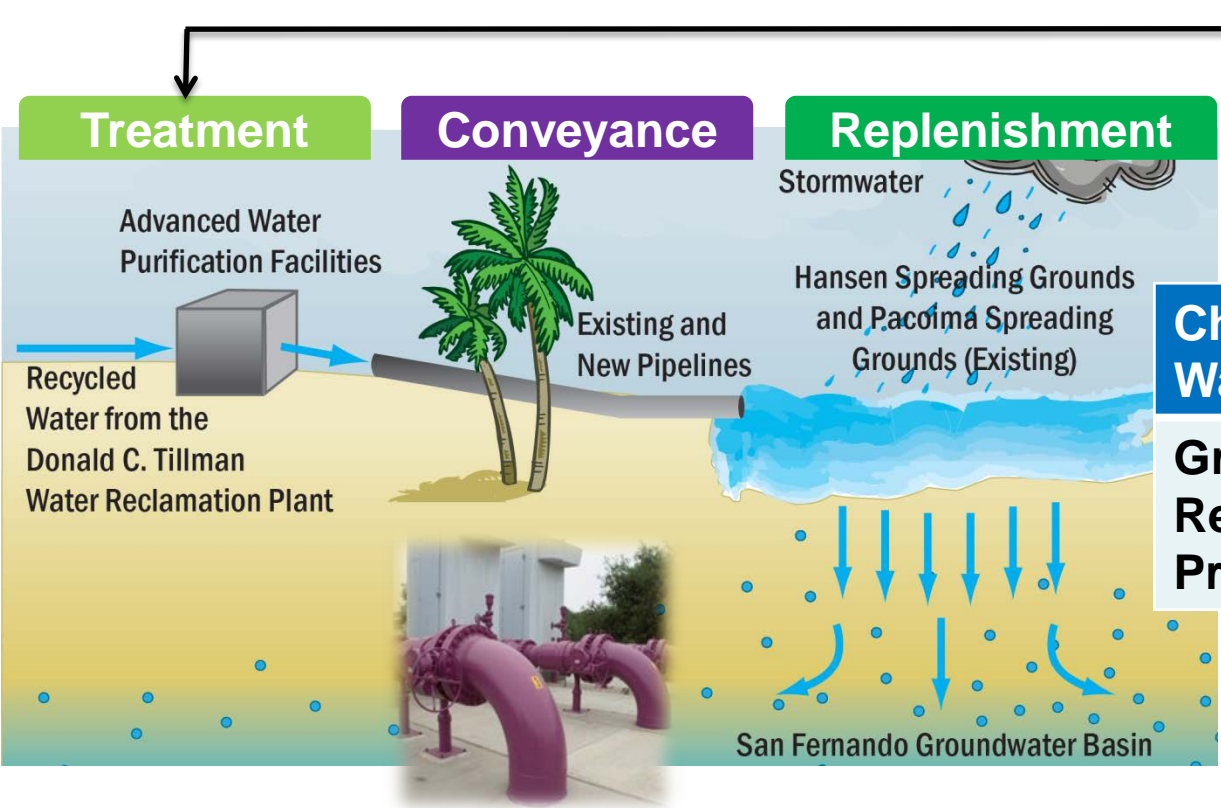
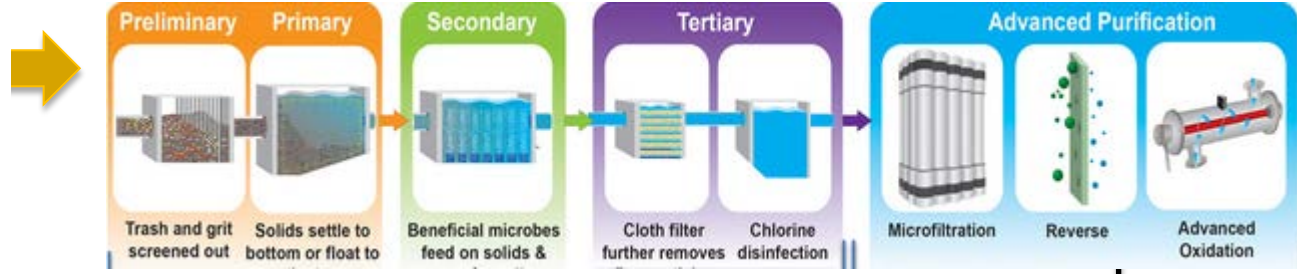


Chapter 9 – Water Recycling

\$725 M

Elysian Park Water Recycling Project Cost

\$28.6 M



Chapter 9 – Water Recycling	\$725 M
Groundwater Replenishment Project Cost	\$400 M



Canterbury Power Line Easement

- Infiltration basin providing 1500 AFY groundwater recharge to San Fernando Groundwater Basin
- Partners: LASAN, LA County Flood Control District, TreePeople
- Additional benefits: water quality, recreational, and educational

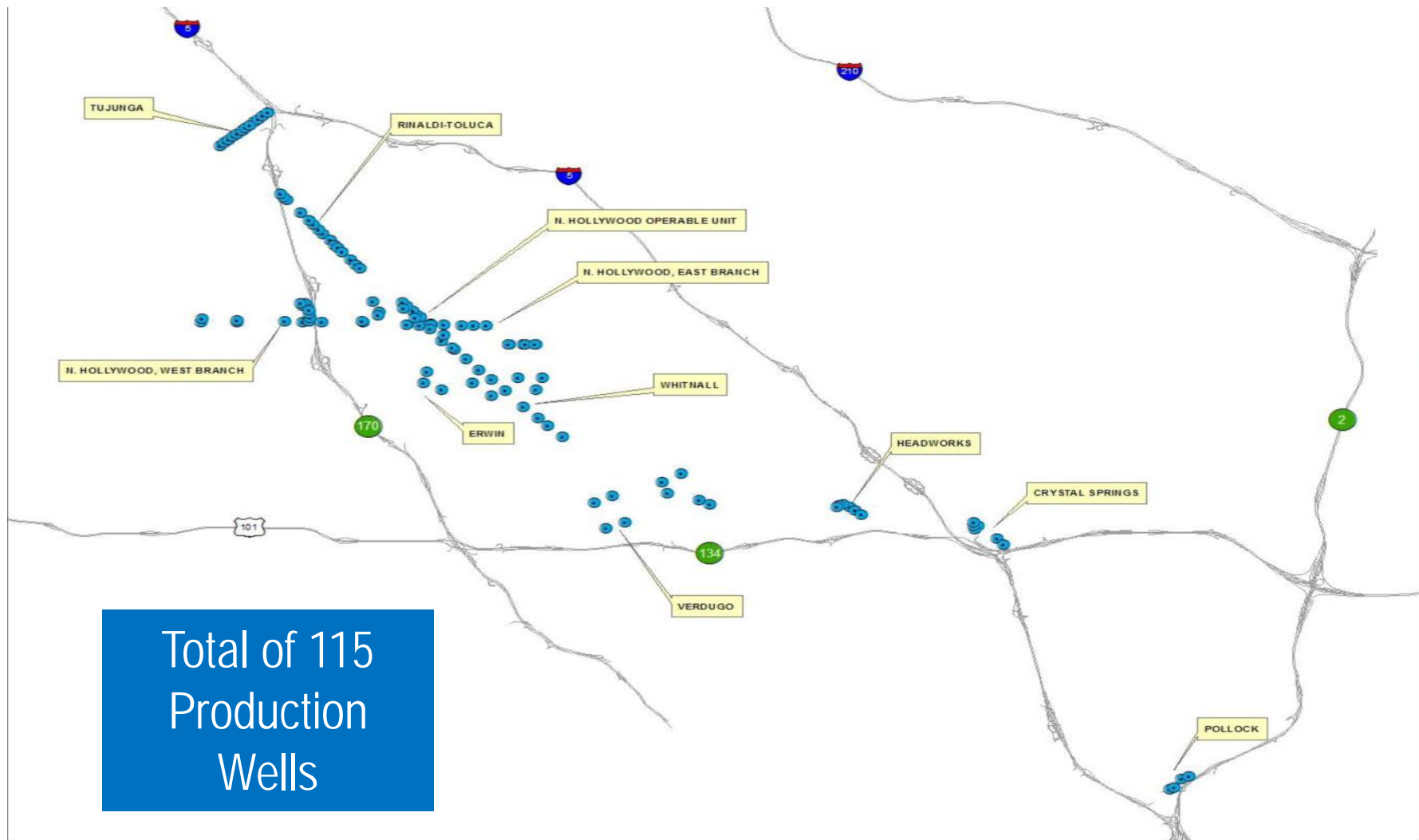


**Chapter 7 –
Multibenefit Stormwater Mgm’t.
IRWM (LA/Ventura)**

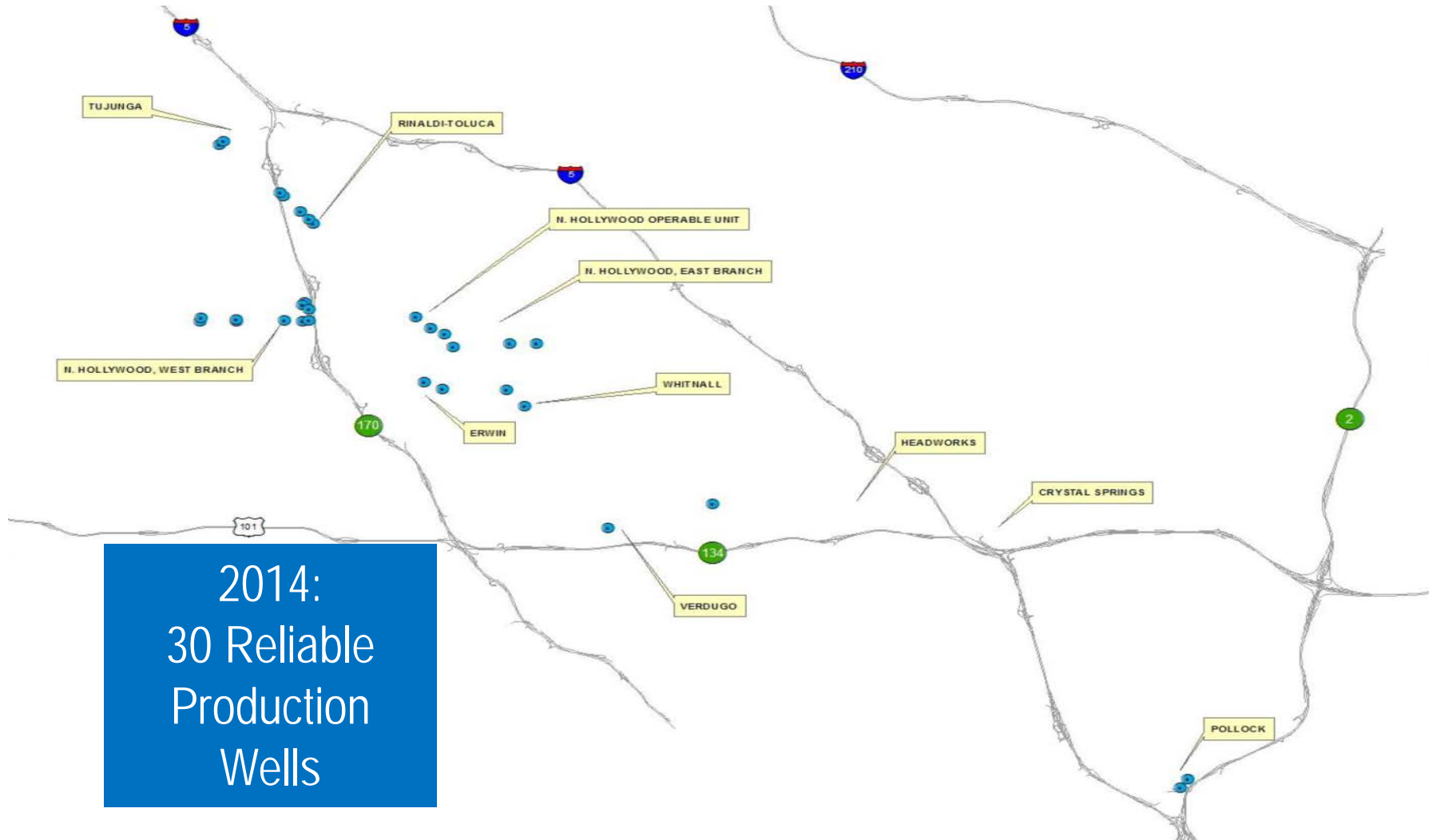
**\$200 M
\$98 M**

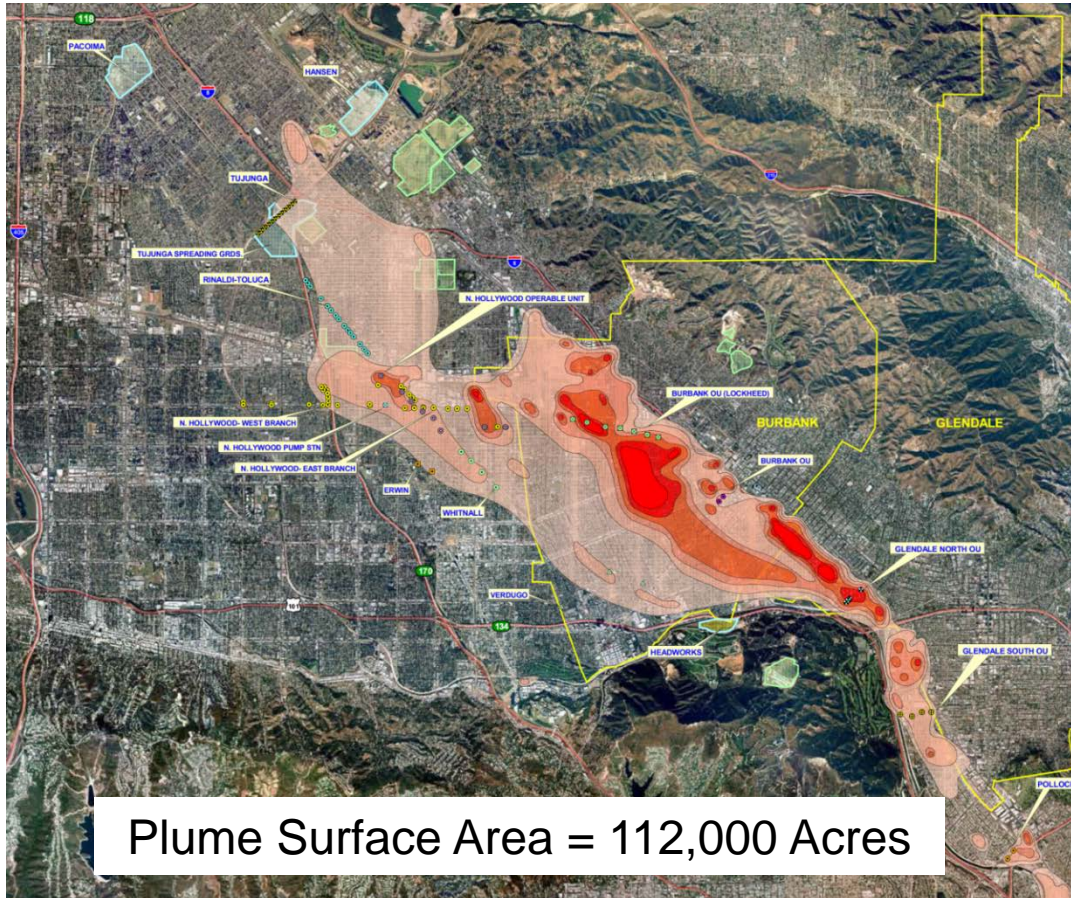
**Canterbury Power Line Easement
Project Cost**

\$14.5 M



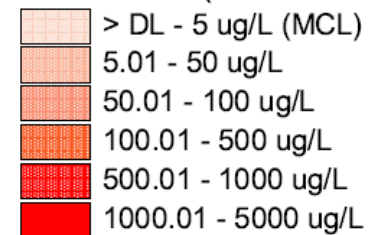
Total of 115
Production
Wells





Production Wells and TCE Plume

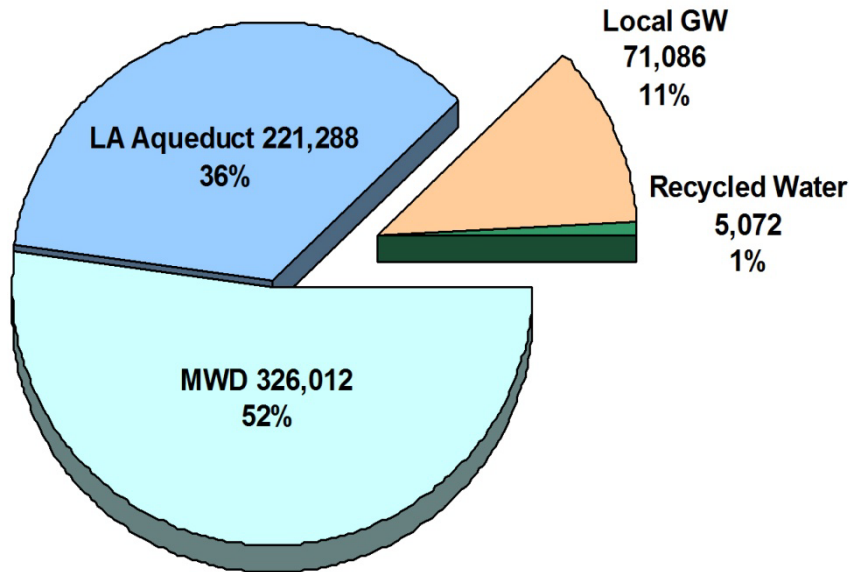
TCE Plume (Source: USEPA, 2005)



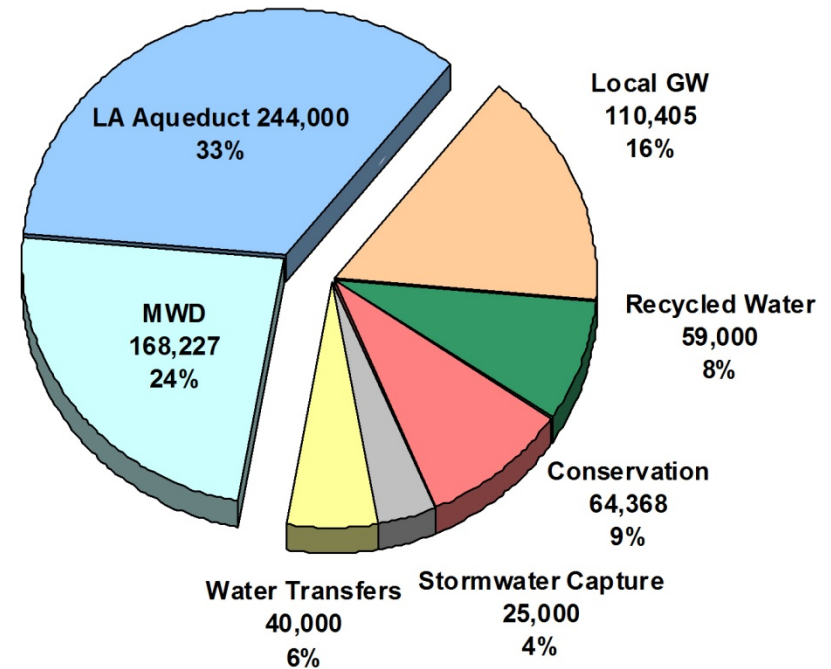
Chapter 10 – Groundwater Sustainability Funding	\$800 Million
San Fernando GW Basin Remediation Project Cost	\$600-900 Million



FYE 2006 – 2010 Average
Total: 621,700 AFY



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Los Angeles River Revitalization

- Enhance communities
- Protect Wildlife
- Health of the River
- Economic Development



Chp. 7- Hydrologic watershed for LA subregion

\$98 Million

Los Angeles River Revitalization – Alternative 20

\$1.08 billion*

*The City of Los Angeles's cost share = \$500 Million



City of
Los Angeles

Thank You!
Questions?