



*SAFEGUARDING LA'S INLAND AND COASTAL WATERS BY  
ENFORCING LAWS AND EMPOWERING COMMUNITIES*



*August 14, 2018*

- ABOUT LAW & TREEPEOPLE
- TOWARDS A NEW WATER PARADIGM
- THE ENVIRO PERSPECTIVE ON WATER REUSE (PROS & CONS)
- ON-THE-GROUND CHALLENGES
- Q&A

# LAW: 25 Years of Fighting for Clean Water





# Towards a New Water Paradigm

- ▶ Pollution Prevention
- ▶ Healthy Habitats
- ▶ Systems Change(4Rs)



# Systems Change: A Smarter Water Approach

- ▶ REDUCE water waste (conservation & efficiency)
  - ▶ REUSE stormwater (stormwater capture/reuse)
  - ▶ RECYCLE wastewater (IPR & DPR)
  - ▶ RESTORE groundwater (groundwater remediation/brackish desal)
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- ▶ Large-scale purple pipe (residential)
  - ▶ Ocean desalination
  - ▶ Water transfers, dams & diversions



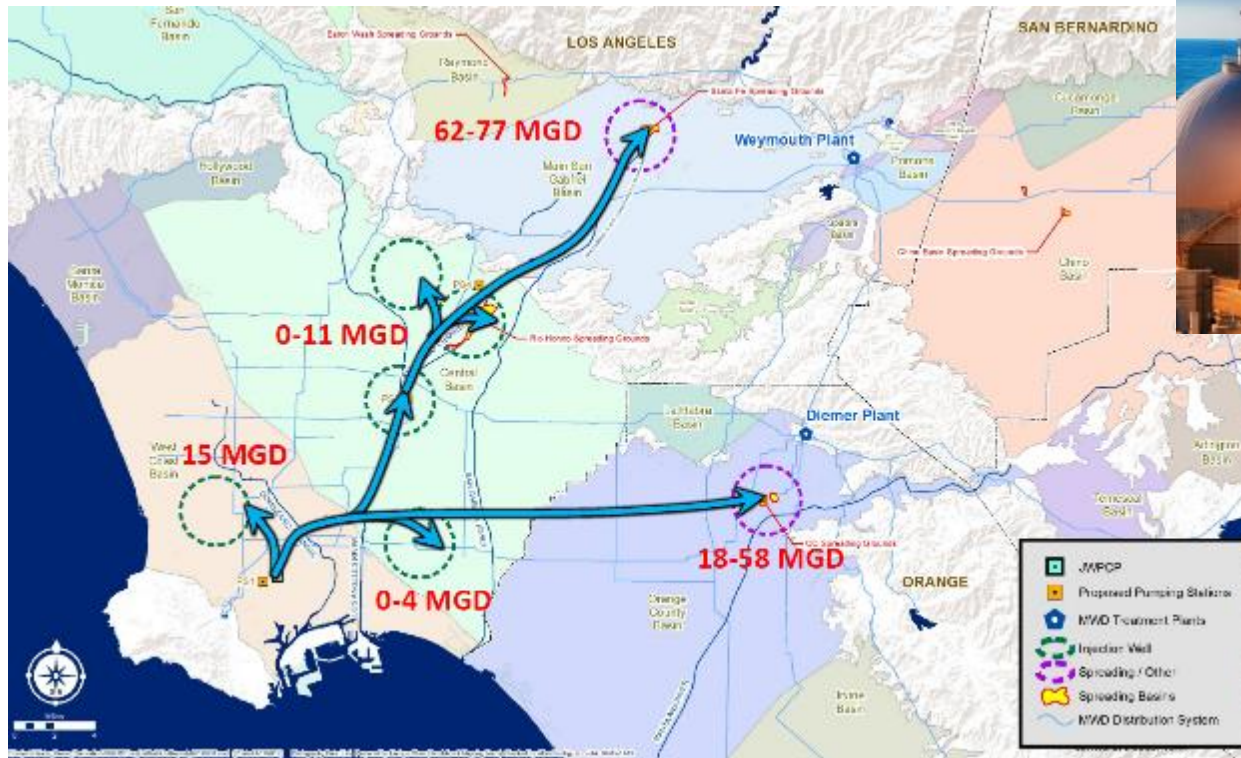


# LAW (BR) Role in Water Reuse

- ▶ Pure Water SD (Water Reliability Coalition)
- ▶ WUU Cases
- ▶ Carson & Tillman support (conditional)
- ▶ DPR Legislation



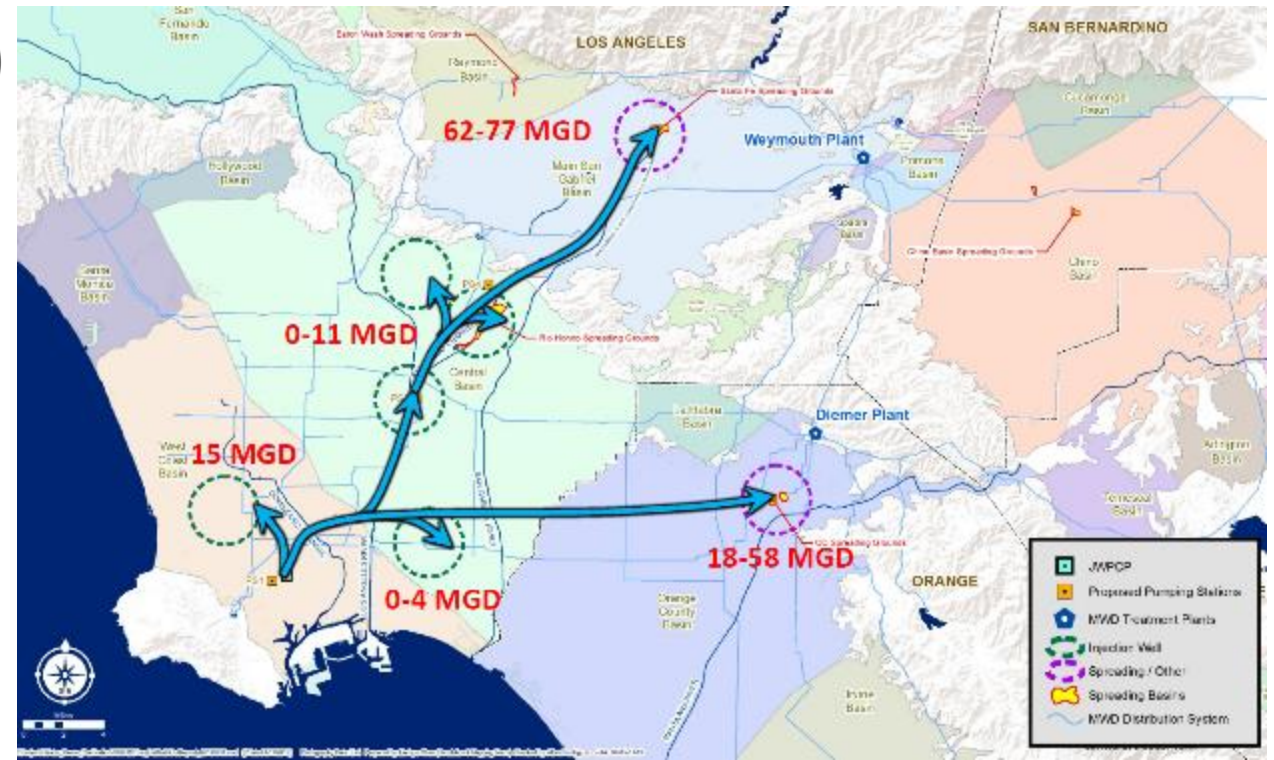
# Recycle: A Vision for LA



We could be recycling an additional ~250-300 MGD of wastewater

# A Balanced Approach to Reuse: An enviro perspective

- ▶ Recycling v. conservation ('making conservation a CA way of life')
- ▶ IPR, DPR & NPR
- ▶ Pumping & energy (laws of man v. nature)
- ▶ Reuse v. flows (informed decision-making)





# Case Study: NGOs & Water, on the Ground

## TreePeople

“Inspiring and supporting the people of LA in taking responsibility for the environment”







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# Program Areas

- ▶ Urban Forestry
- ▶ Mountain Forest Restoration
- ▶ Environmental Education
- ▶ Policy
- ▶ Coldwater Canyon Park







# Water Reuse & Recycling into Action

Purple Pipe water use:

- ▶ Mountain forest restoration
- ▶ Urban forestry, park restoration

Volunteer & Partner Involvement

Awareness of recycled water





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# Mountain Restoration

Recycled water used to restore:

- ▶ Ecosystems
- ▶ Soil
- ▶ Watersheds
- ▶ Aquifers

Mitigate:

- ▶ Fires
- ▶ Invasives
- ▶ Landslides
- ▶ Floods





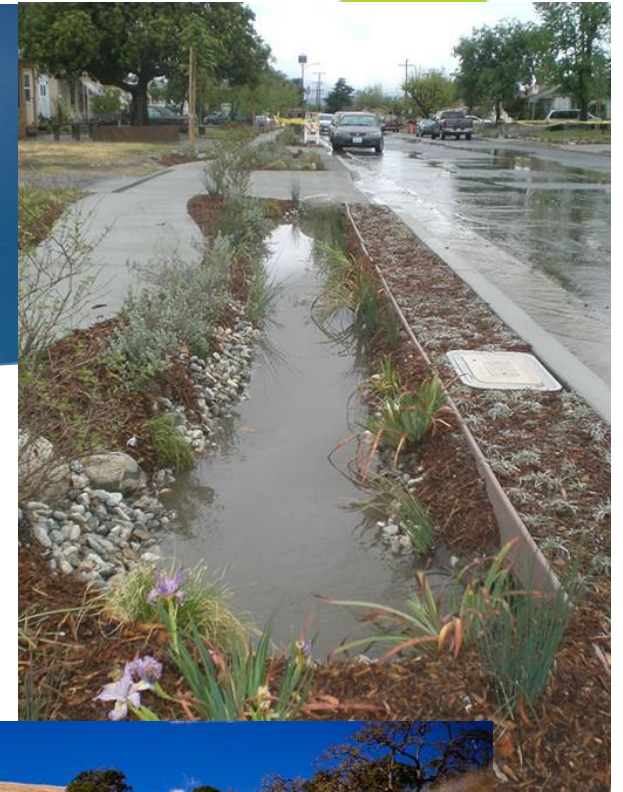


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# Stormwater Capture

## Urban Examples

- ▶ Sun Valley
- ▶ Elmer Avenue
- ▶ Residential Retrofits



## Mountain Examples

- ▶ Angeles National Forest
- ▶ Topanga Canyon
- ▶ King Gillette Ranch







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# Policy & Research

Stormwater, Forestry  
Projects & Outreach



Environmental Support



Support for  
Water Policy  
& Public Projects







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# Partnerships in Water Projects

**LA County**

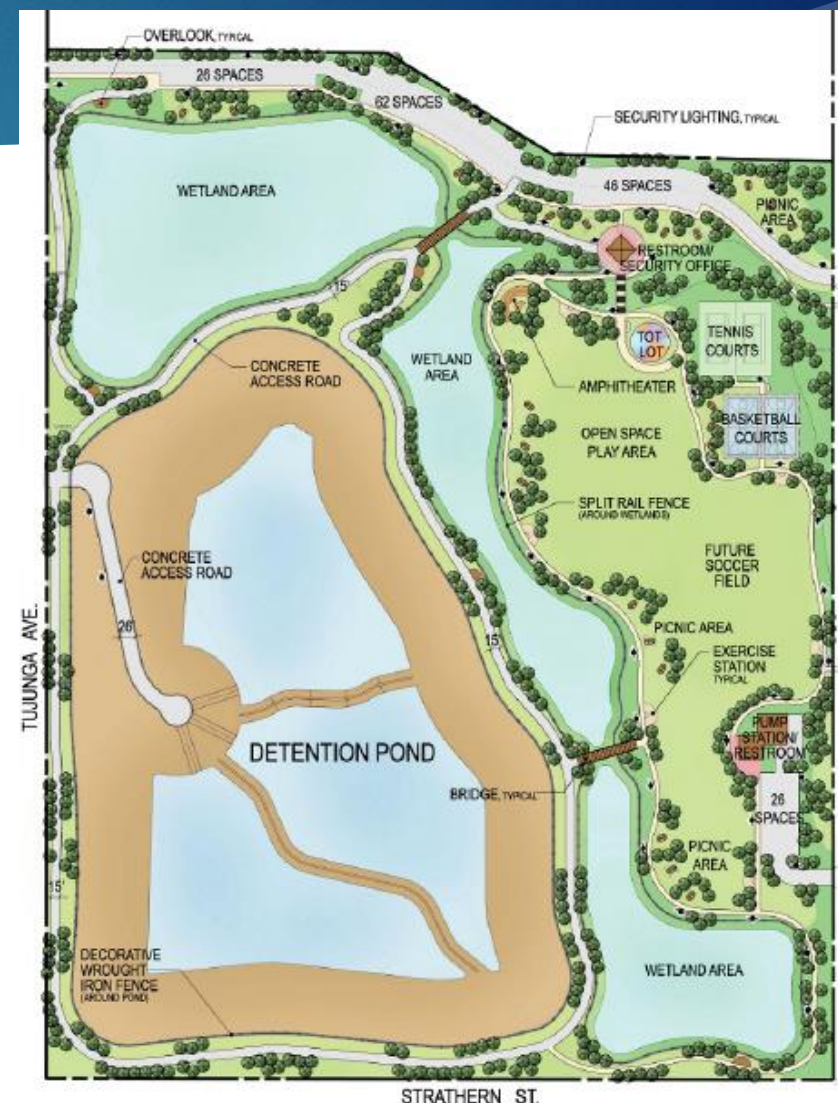
**LA County Department of Public Works**

**Cities** Los Angeles, Burbank, Santa Clarita, San Fernando, Cudahy, Huntington Park...

**Water Agencies** LADWP, Metropolitan Water Agency, Burbank, SCV Water...

**NGOs** OurWater, LA Waterkeeper, The Nature Conservancy, etc.

**Schools** Environmental Education, Schoolyard Greening, Eco Clubs





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# Bringing People Together on Water

## Community Engagement

- ▶ Community projects
- ▶ Corporate sponsors
- ▶ Agency partners
- ▶ Citizen Forestry & Volunteers taking Leadership
- ▶ 3-10 events/week

## Education

- ▶ Students (250,000) hands-on learning, inspiring next generation





# Thank You!

*We look forward to working with YOU on a  
**smarter water** approach for LA*

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