

# **TUJUNGA SPREADING GROUNDS ENHANCEMENT PROJECT**

*Multi-Agency Collaboration to Achieve Co-Benefits  
and Cost Sharing*

Southern California Water Coalition's  
Stormwater Workshop  
September 27, 2019

# AGENDA

- *Project Objective*
- *Partnerships*
- *Project Location*
- *Project Overview*
- *Multi-Benefits*
- *Cost Sharing*



# PROJECT OBJECTIVE



Recycle  
**100%**  
of Waste Water  
by 2035



Source  
**70%**  
of all water locally  
by 2035

Including capture 150,000  
AFY of stormwater



Reduce Potable Water Use

**22.5%**  
By 2025

**25%**  
By 2035



# MULTI-AGENCY PARTNERSHIPS



**LADWP**  
**Water Resources Division**  
Watershed Mangement



**LA County Flood Control District**  
Design, Construction  
Management & Inspection



**Basins**  
W.A. Rasic Inc.

**Intakes**  
Los Angeles  
Engineering Inc.

**Open Space  
Enhancement**  
TBD



# PROJECT LOCATION



# PROJECT OVERVIEW



## Basins (Completed)

Consolidate 20 existing basins into  
9 larger and deeper basins



## Intakes (Nov 2019 completion)

2 new intakes and rubber dams



## Open Space (Dec 2020 completion)

Improve perimeter fencing,  
recreational space and landscaping

# PHASE 1- BASIN ENHANCEMENTS



# CONVEYOR BELT SYSTEM



Tujunga Spreading Grounds

Disposal site



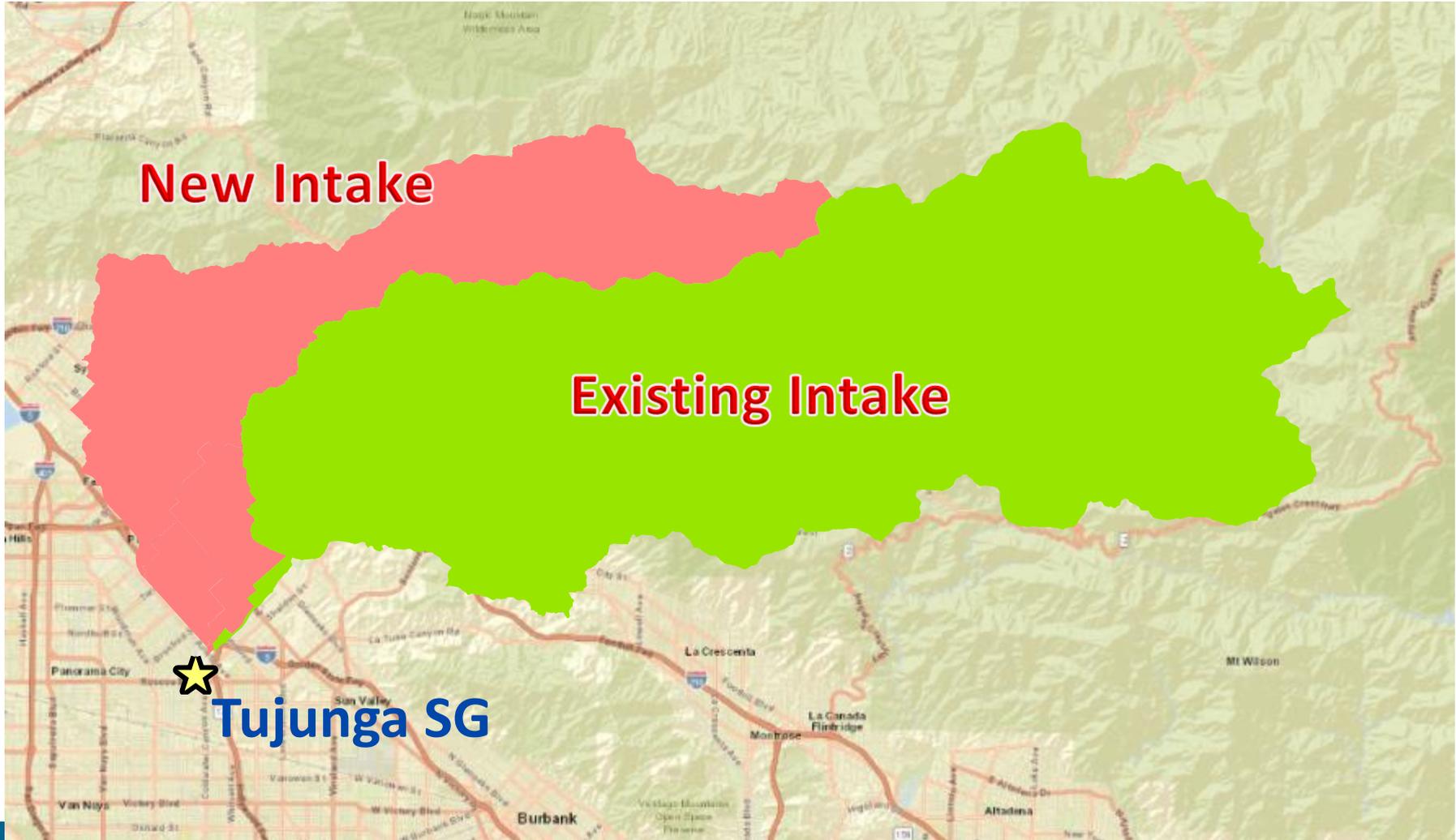
# CONVEYOR BELT SYSTEM



# PHASE 2 – INTAKE IMPROVEMENTS



# PHASE 2 – INTAKE IMPROVEMENTS



# PHASE 2 – INTAKE IMPROVEMENTS

Aug 27, 2019 at 10:13:42 AM



# PHASE 2 – INTAKE IMPROVEMENTS

Jul 26, 2019 at 12:53:03 PM

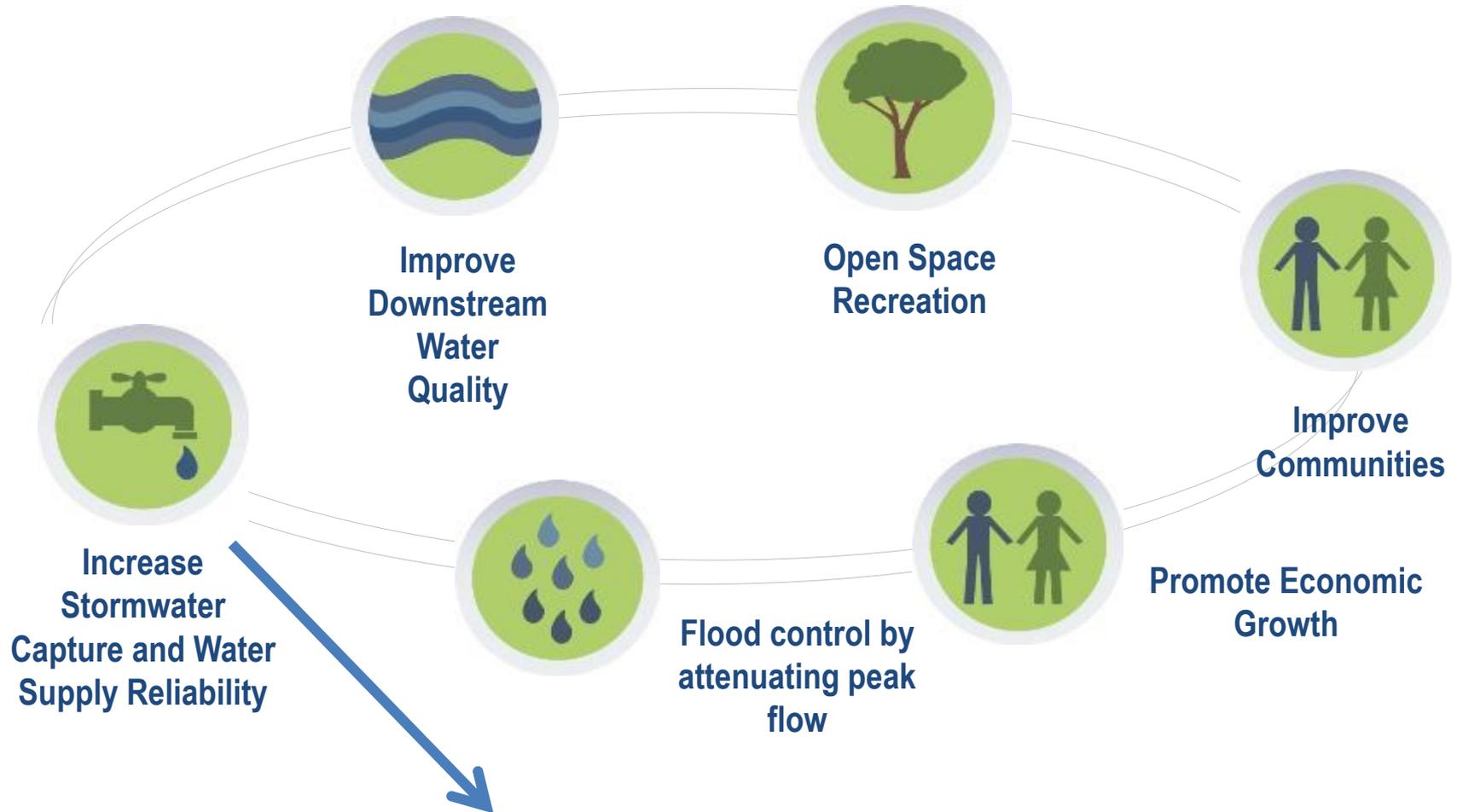


# PHASE 3 - OPEN SPACE ENHANCEMENTS



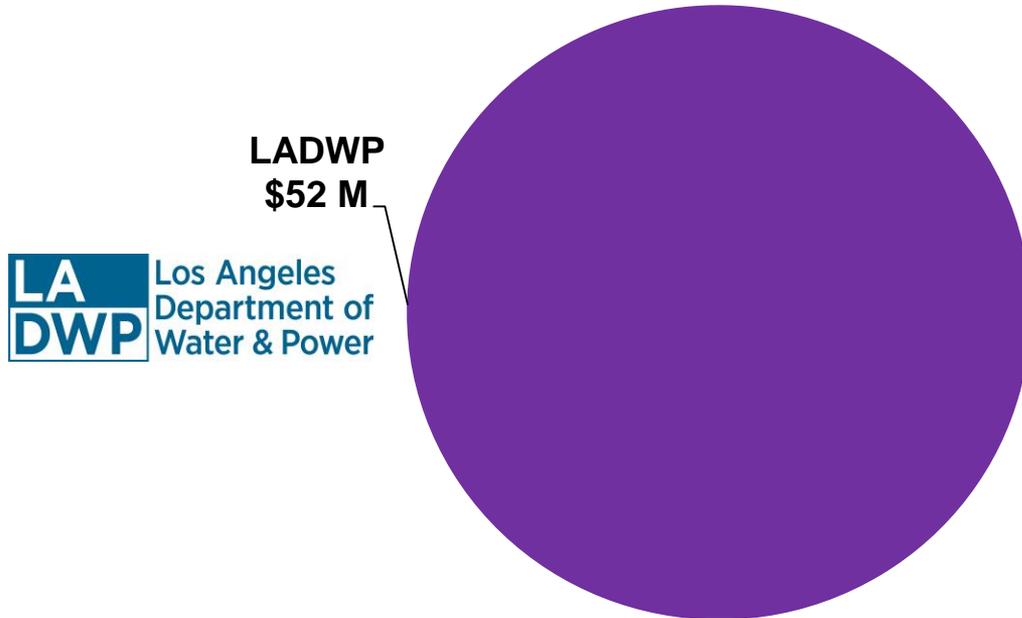
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# MULTI-BENEFITS



**Supply water to 48,000 homes per yr**

# COST SHARING

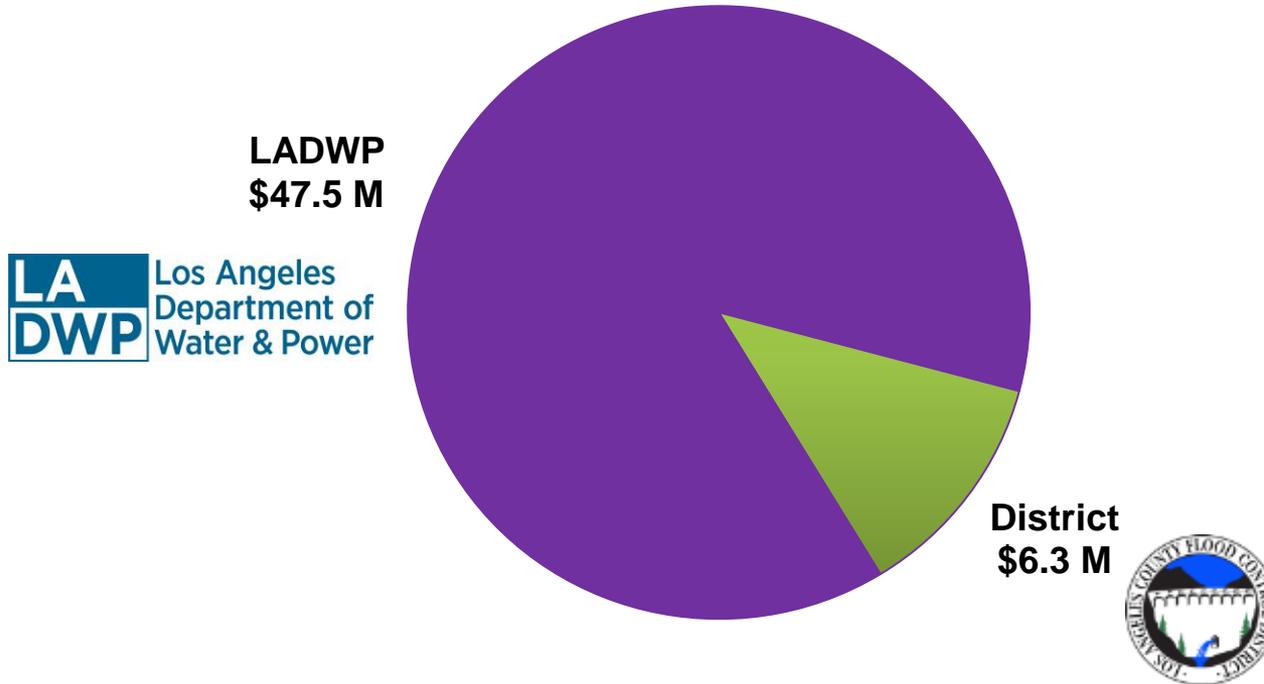


~\$130/AF of water

Total Budget ~ \$52 Million



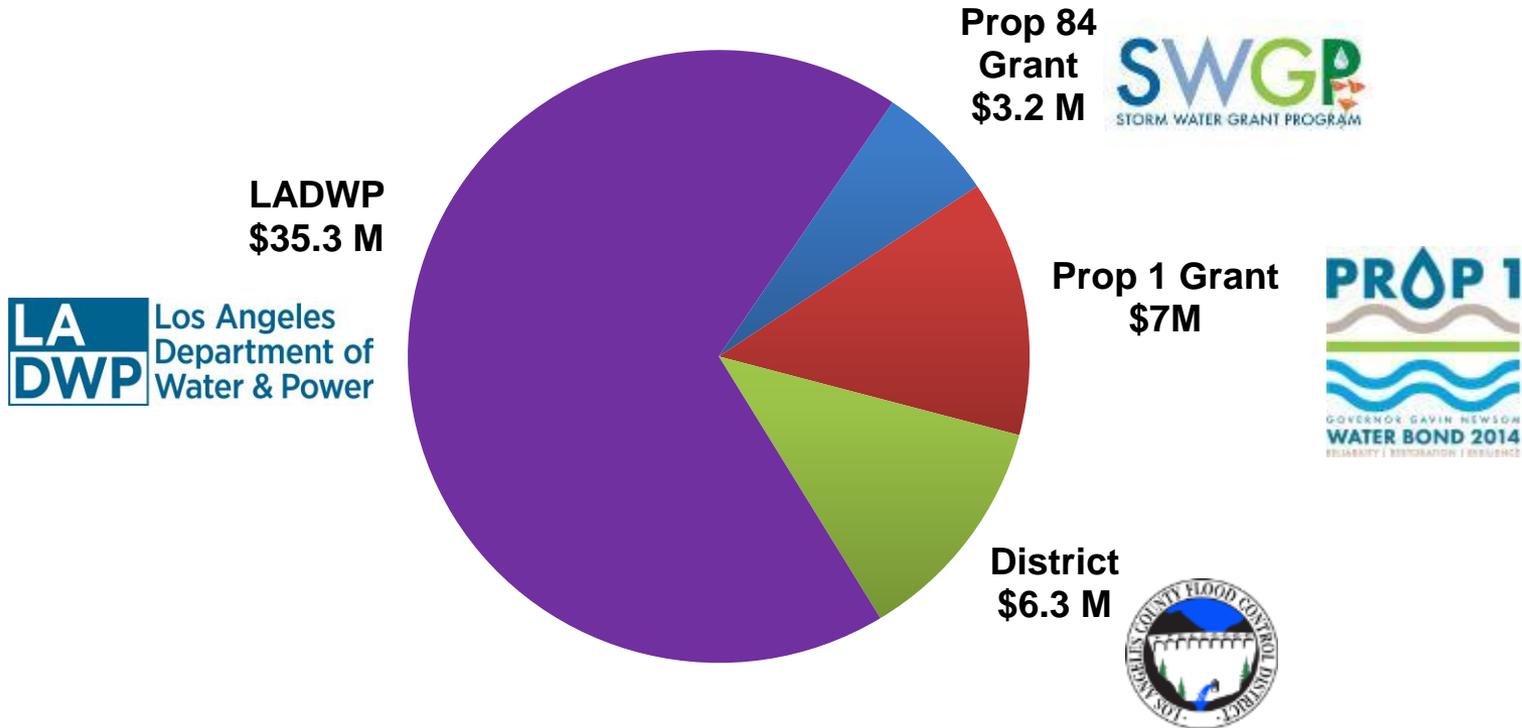
# COST SHARING



~\$114/AF of water

Total Budget ~ \$52 Million

# COST SHARING



~\$85/AF of water

Total Budget ~ \$52 Million

# Thank you

**Art Castro, PE**  
**Manager, Watershed Management**  
**Los Angeles Department of Water & Power**

