

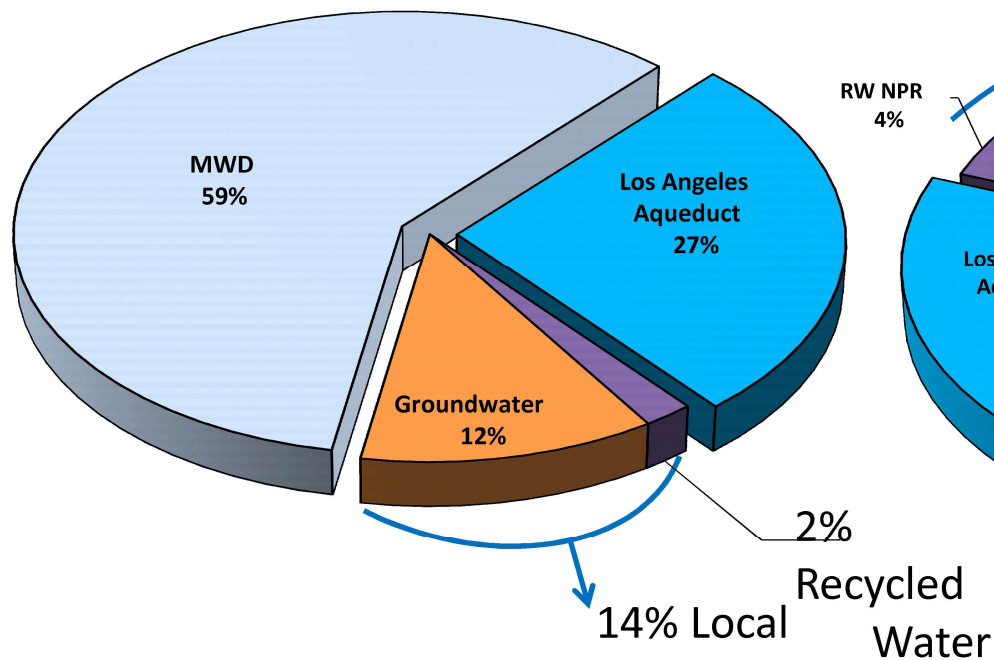


Neighborhood Council MOU Oversight Committee

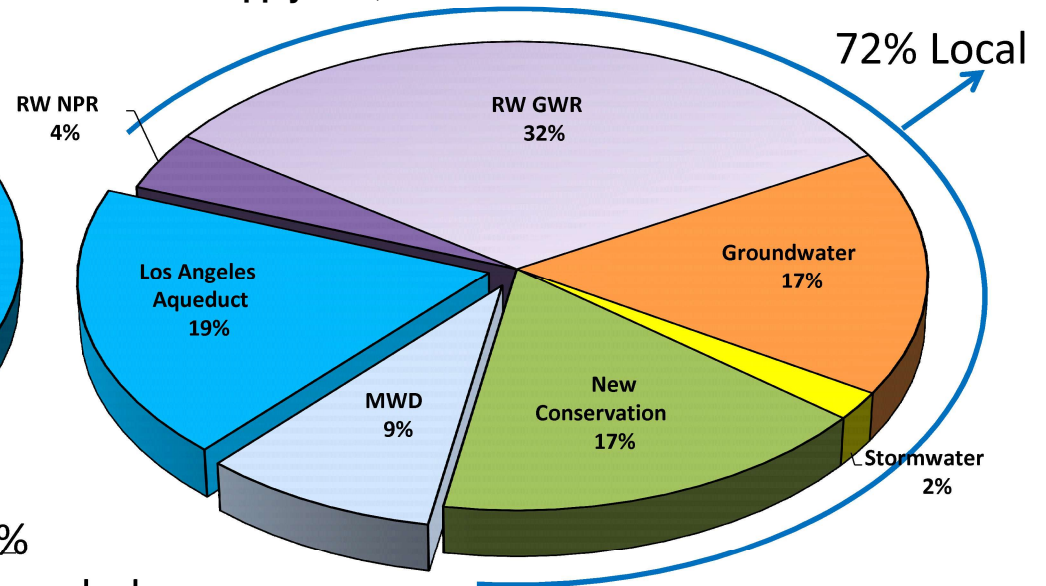
Rafael Villegas, P.E.
Los Angeles Department of Water and Power
June 6, 2020

Water Supply Future

Fiscal Year End 2014-18 Average
Total Supply: 523,100 AFY



L.A.'s **Green New Deal**
Fiscal Year 2034-35 Average Hydrology
Total Supply: 661,800 AFY

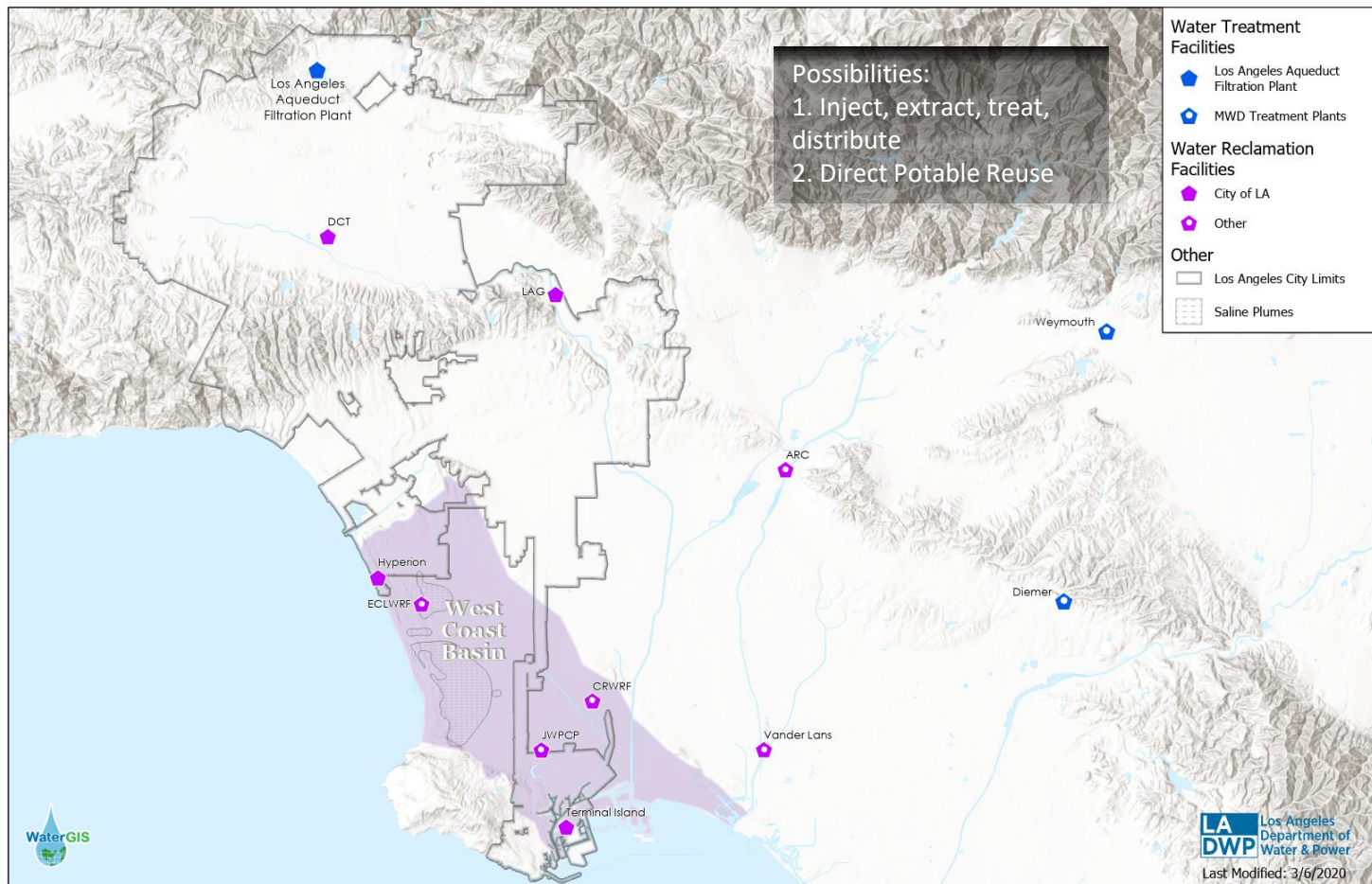


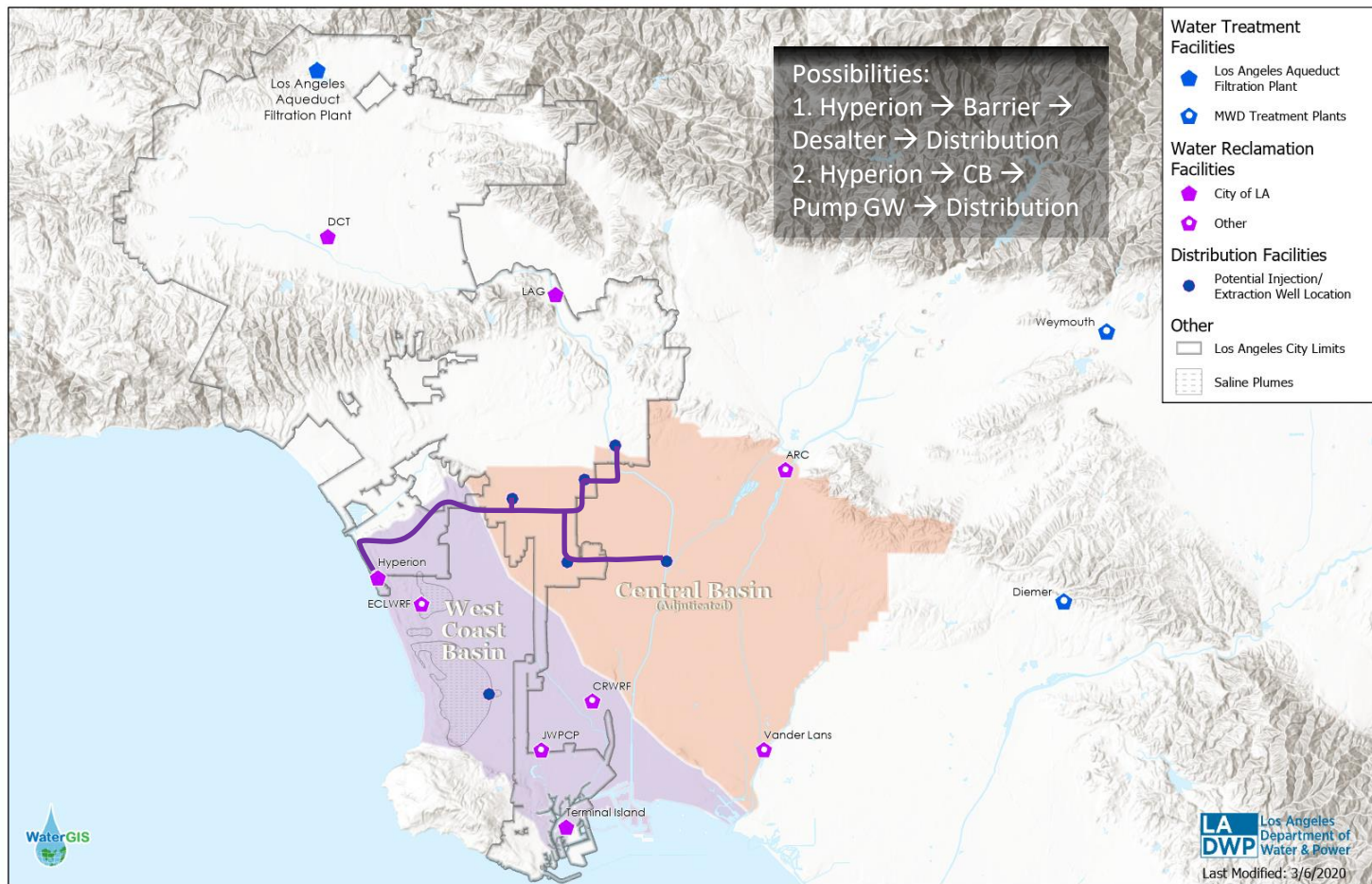
Operation NEXT Water Supply Program

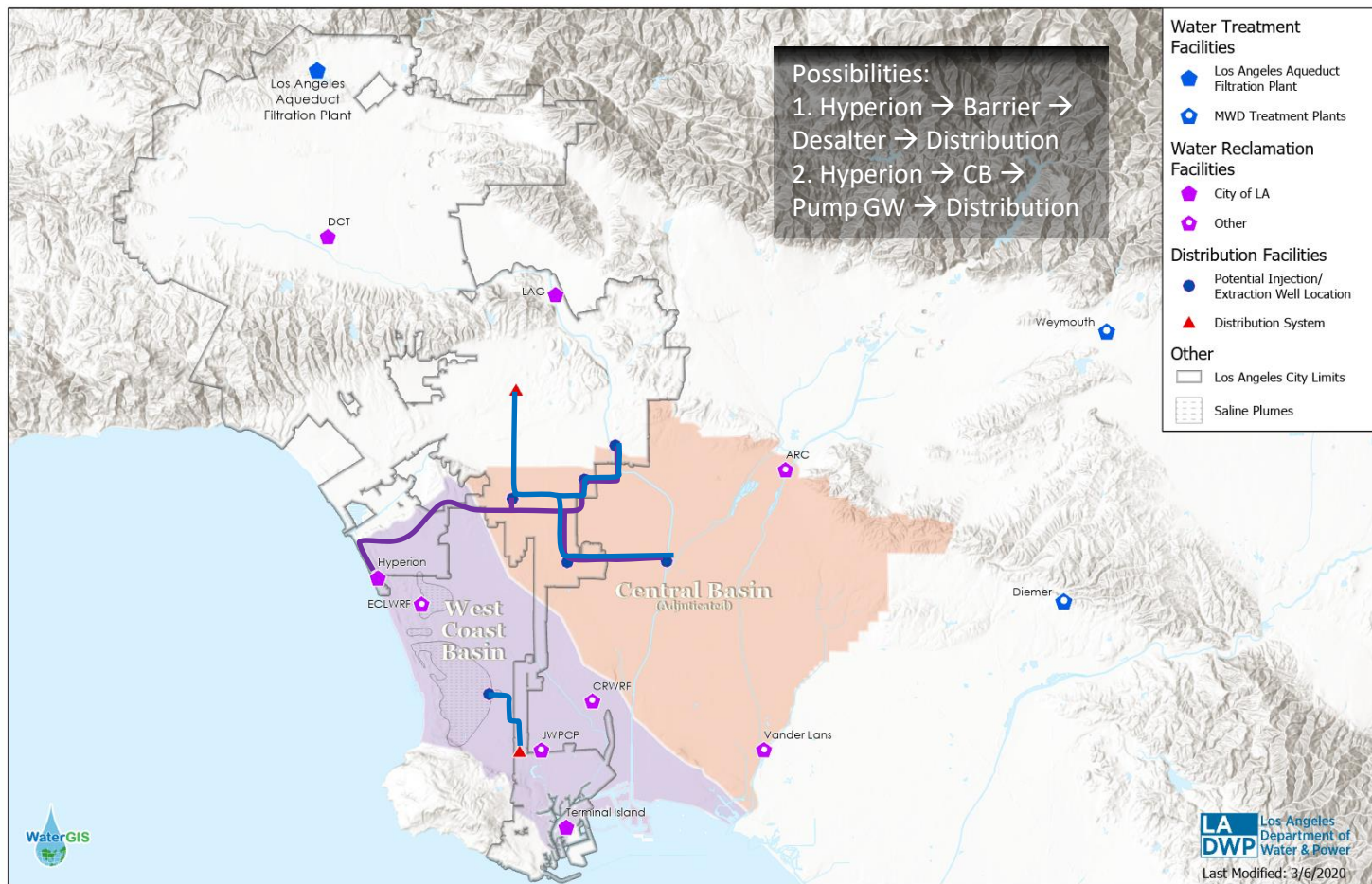
Program Objective:

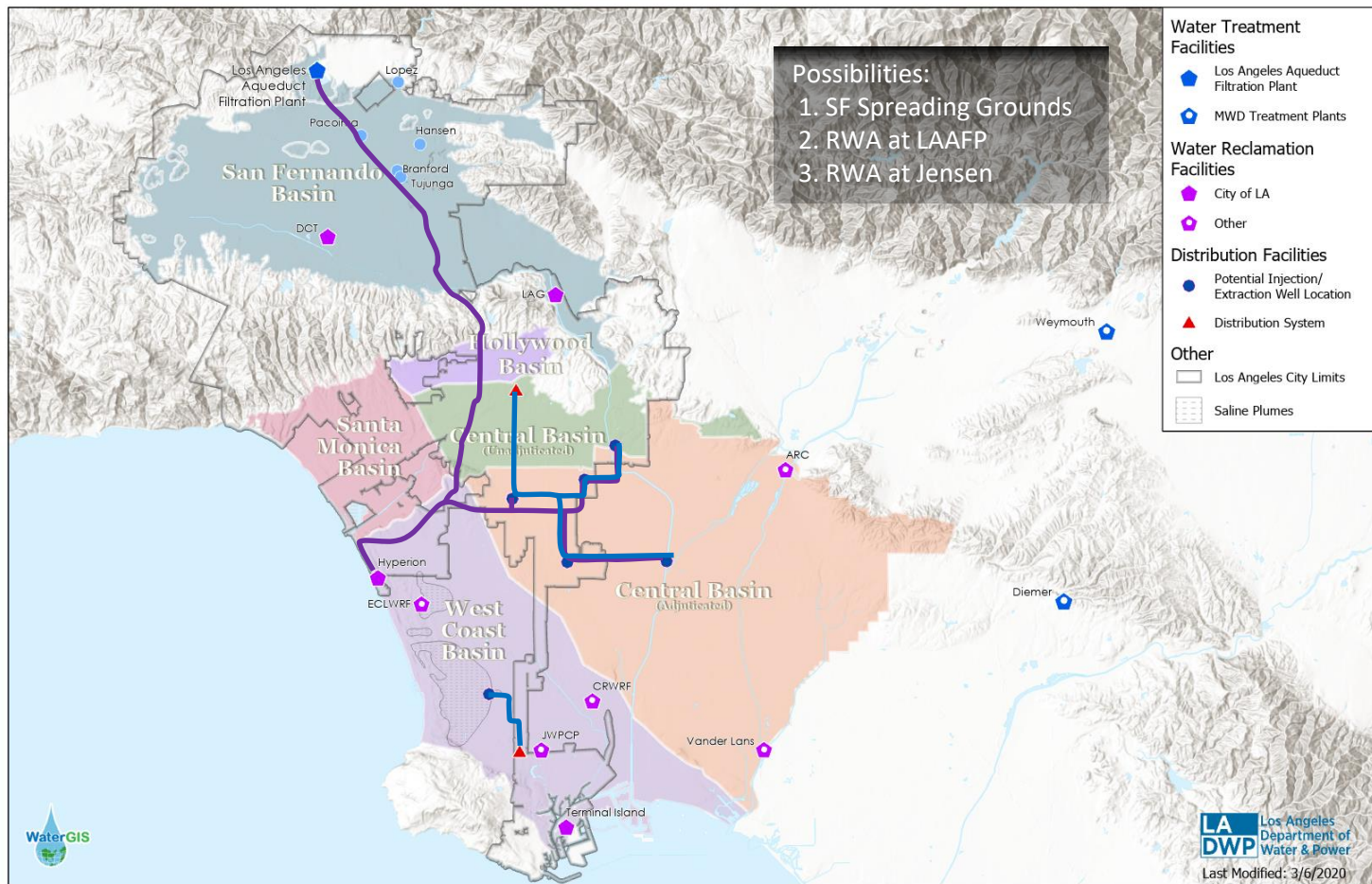
Recycle 100% of supply
from the Hyperion Water
Reclamation Plant by
2035.

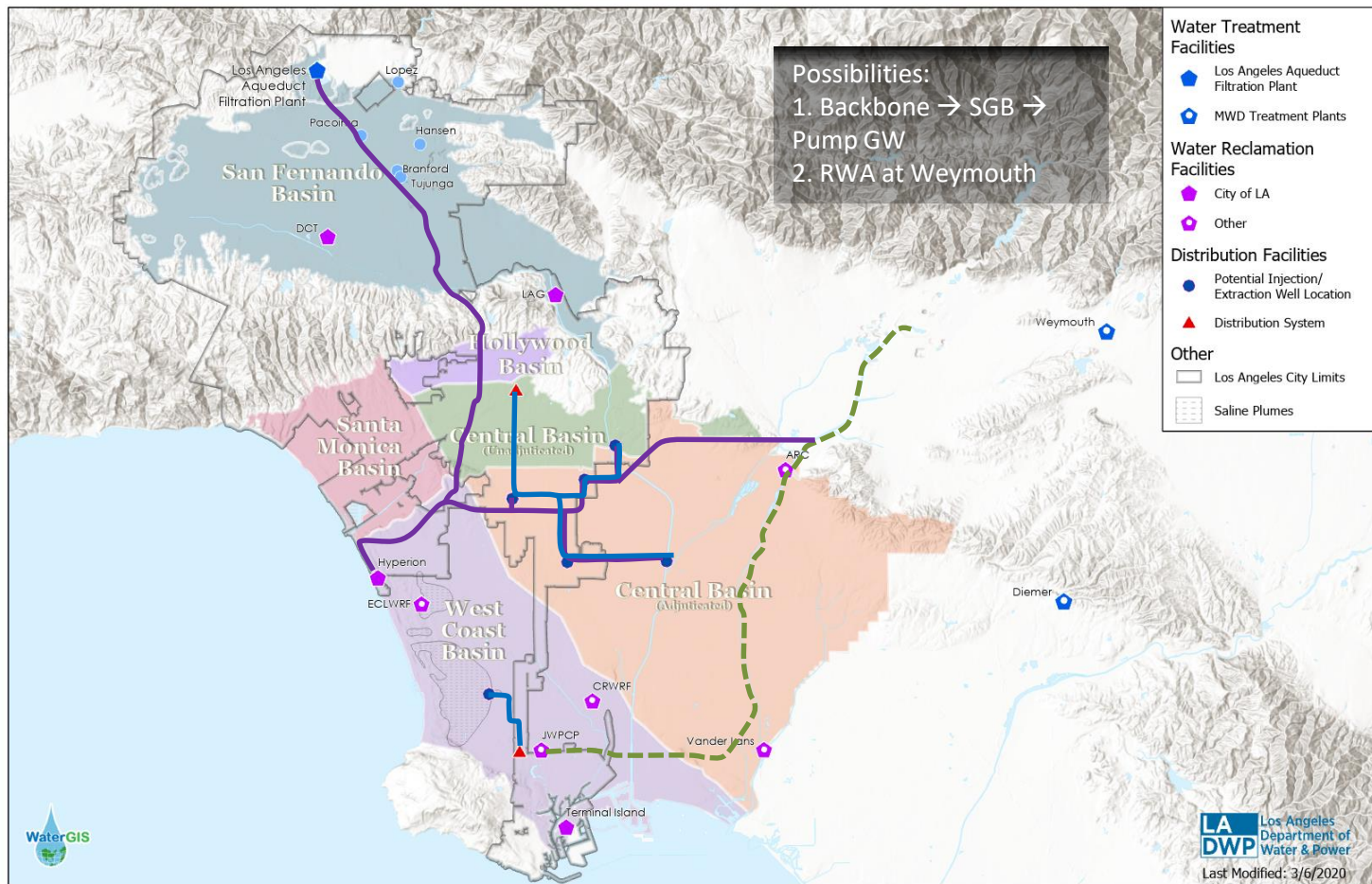












Impact on Water System

- Largest project since LA Aqueduct
- Fundamentally changes system operations
- Unconventional water source
- 40% of City's demand
- Complex Groundwater governance
- Inter-jurisdictional planning
- Focus from groundwater recharge to DPR
(water recycling criteria for Direct Potable Reuse through Raw Water Augmentation by December 31, 2023)

Program Partners



How do you collaborate, align goals, and benefit the entire region?

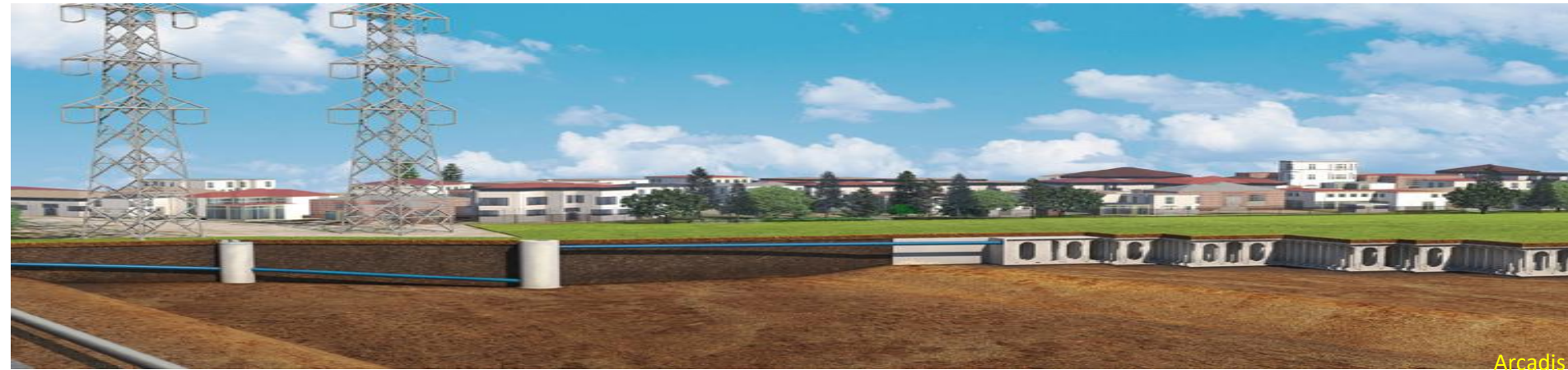
Ongoing Efforts

- Coordination with partnering agencies (LASAN, WRD, MWD)
- Engaging Potential partners – Local Cities, Contract Agencies
- DPR Regulations
- Financial Plan
- Resource Planning
- Internal Studies
- Pilot Studies
- Community Engagement and Outreach Plan
- Programmatic EIR



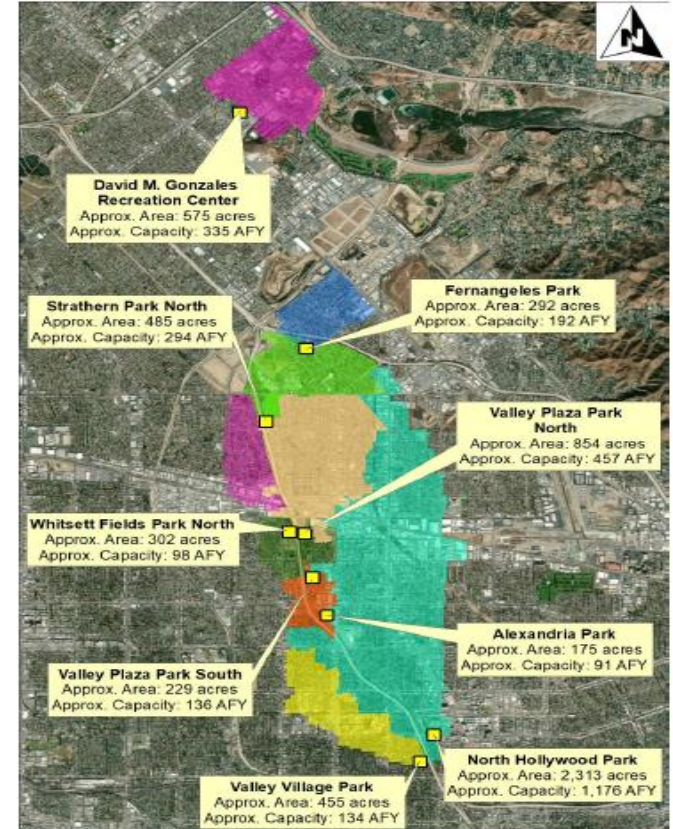


Stormwater Capture Parks Program



Stormwater Capture Parks Program

- Overview
 - Total drainage area: **5,690 AF**
 - Approximate capture: **2,900 AFY**
 - Total Project Cost: **\$234 M**
- Program Goals/Objectives
 - Improve water quality
 - Increase water supply
 - Increase flood control capacity & reduce localized flooding
 - Provide community driven park improvements



Project Scope



Fernangeles Park



Valley Village Park



Strathern Park North



Valley Plaza Park North



David M. Gonzalez Park



Alexandria Park



Valley Plaza Park South

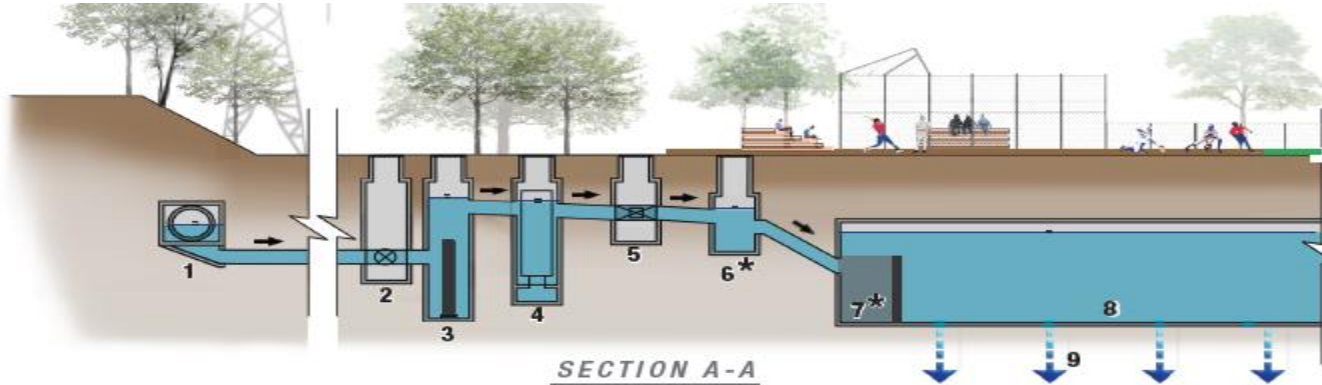


North Hollywood Park



Whitsett Fields Park North

Project Scope



SECTION COMPONENT KEY

- 1 RCP Diversion Structure
- 2 Actuated Valve Vault
- 3 Pump
- 4 Hydrodynamic Separator
- 5 Flow Measuring Device
- 6 Sedimentation Basin*
- 7 Initial Containment/Settling Area*
- 8 Underground Infiltration Basin
- 9 Groundwater Infiltration/Recharge

Reduce Localized Flooding

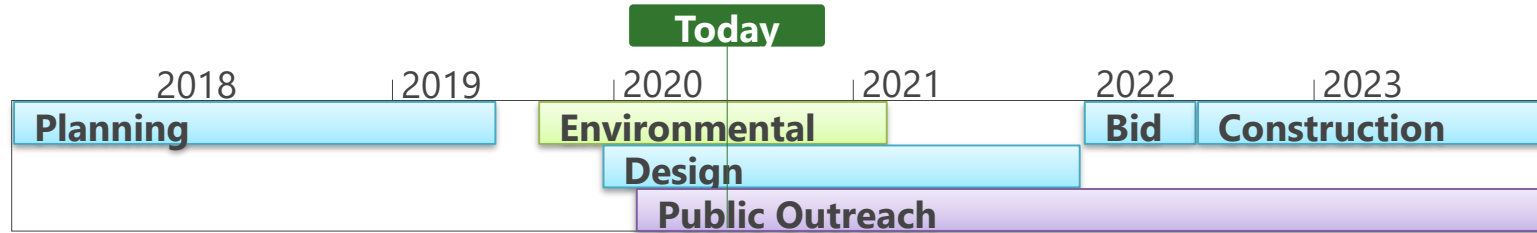


Provide Community Benefits

- Provide open space
- Address environmental justice
- Expand Park Infrastructure
- Improved or new sports fields and playgrounds
- New walking paths and exercise equipment



Project Schedule



TASK NAME	START	FINISH
Planning	Jun 2017	May 2019
Design	Dec 2019	Dec 2021
Environmental	Sept 2019	Mar 2021
Bid-Award*	Jan 2022	Jun 2022
Construction*	Jul 2022	Dec 2023

*Dependent on secured funding

Program Support

Partners



Community Support



Mountains Recreation &
Conservation Authority

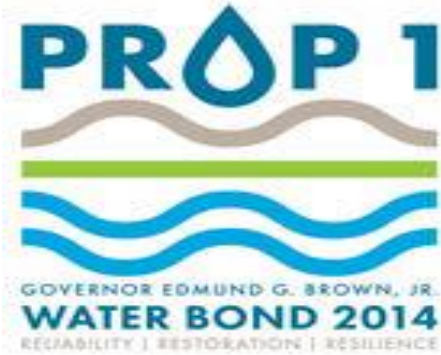


Council for
Watershed Health

Political Support



Potential Funding Sources



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