



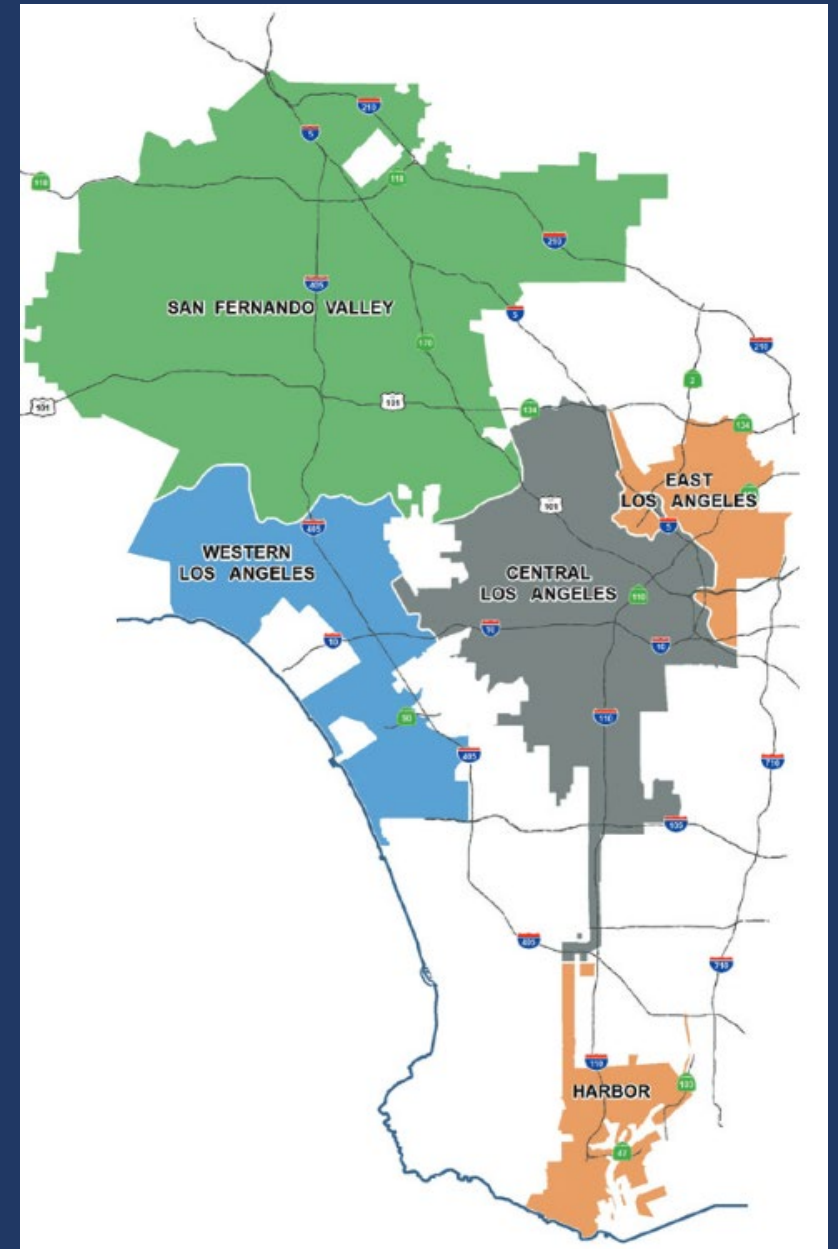
Urban Water Institute's 30th Annual Water Conference

Anselmo G. Collins

Senior Assistant General Manager of the Water System,
Los Angeles Department of Water and Power

LADWP Today

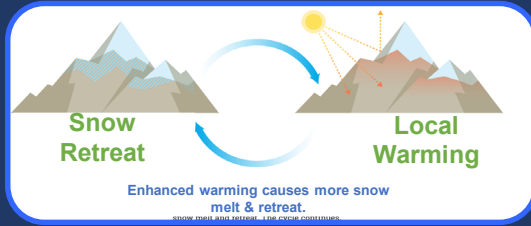
- Provide water and power to 4 million people every day
- Serve drinking water and recycled water to an area of approximately 473 sq. mi.
- Approx. 448 million gallons of water delivered per day – 500,000 acre-feet per year
- Over 739,000 active service connections, 7,341 miles of pipe



Los Angeles Water Supplies Are Diverse



External Factors Impacting Supplies Have Eroded Water Supply Reliability



Climate Change



Bay-Delta Uncertainty



Local Groundwater Contamination



Los Angeles Aqueduct Commitments



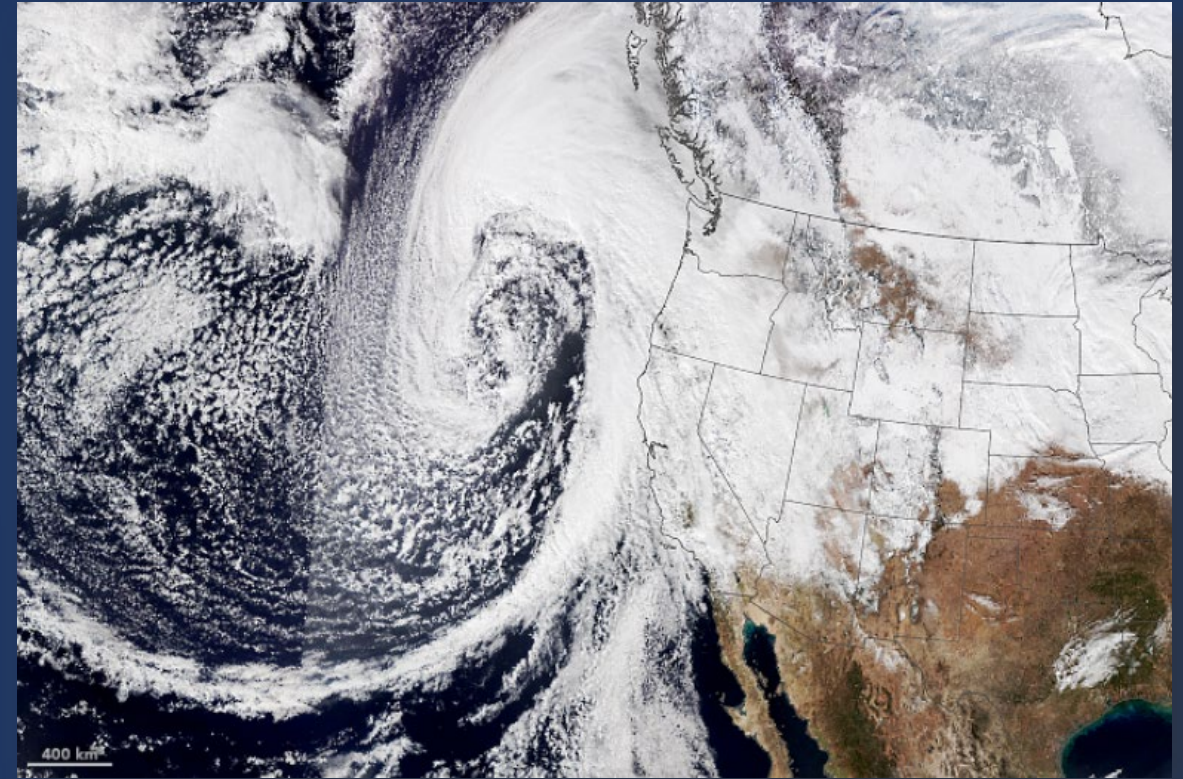
Colorado River Aqueduct Overallocation

Conditions Shift From Extreme Dry to Extreme Wet: Adapting to New Hydrologic Extremes



2022

Source: DWR



Source: NOAA



2023

Source: DWR

Emergency Actions Needed Along the Los Angeles Aqueduct

Aqueduct Breach



Tinemaha Siphon Construction



Mobilized for Repairs



Siphon in Operation

LADWP Water Supply and Infrastructure Programs To Maintain Reliability Despite Uncertainty

Infrastructure Investments



Los Angeles Aqueduct Old Top Removal



Foothill Trunkline ERDIP



Operation NEXT - Hyperion

San Fernando Basin Groundwater Remediation and Replenishment



Tujunga Centralized Treatment



North Hollywood Centralized Treatment



North Hollywood West Wellhead Treatment



Los Angeles Groundwater Replenishment



Tujunga Spreading Grounds Enhancement



Stormwater Capture Parks Program

Water Use Efficiency Savings and Conservation



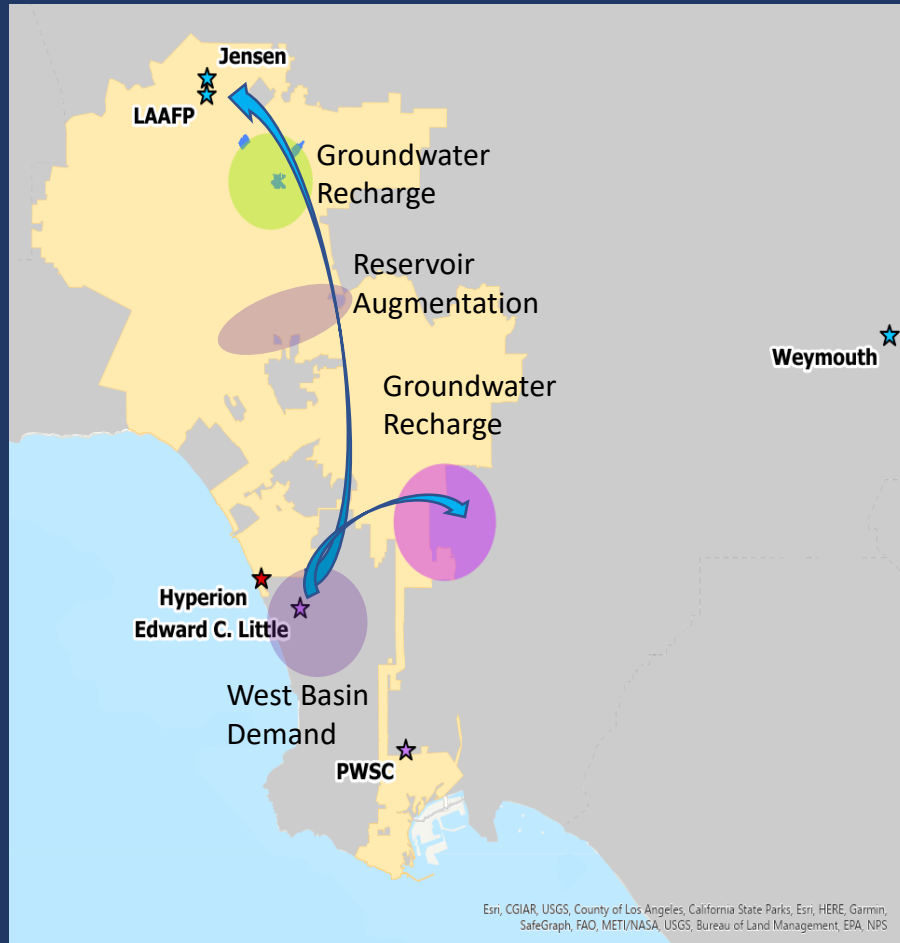
Increased incentives help customers reduce water use



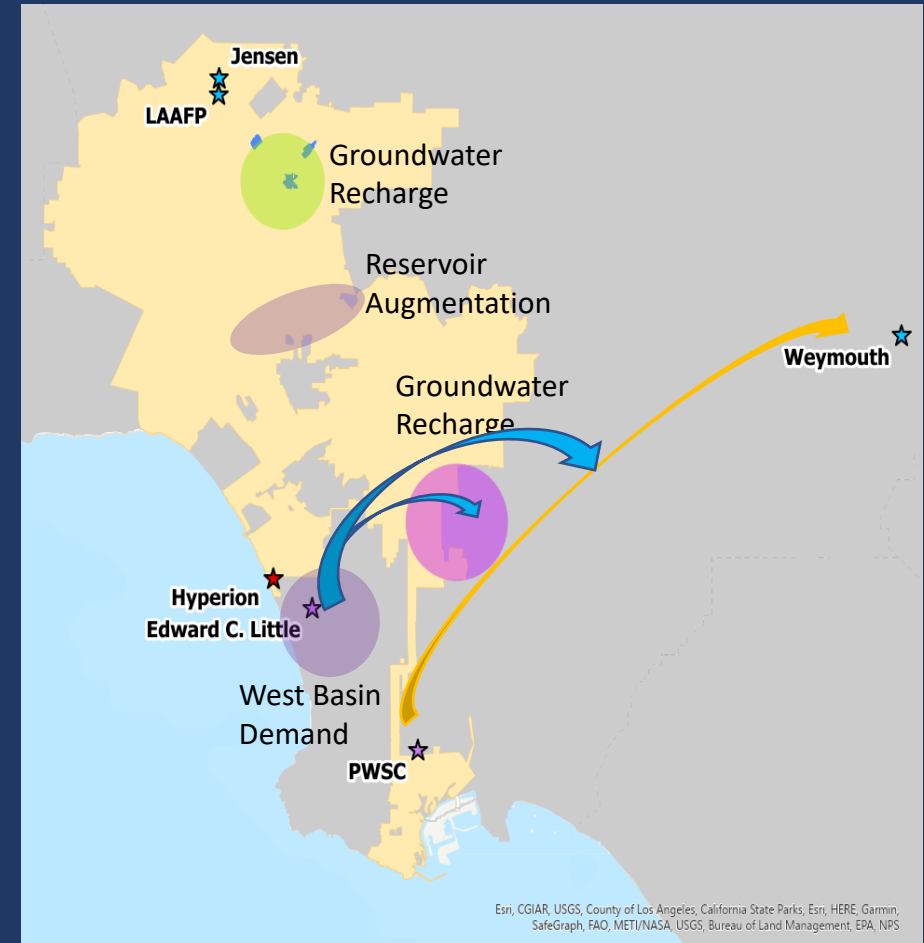
LADWP Water Conservation Response Unit enforce and educate

Operation NEXT Alternatives

Scenario 1



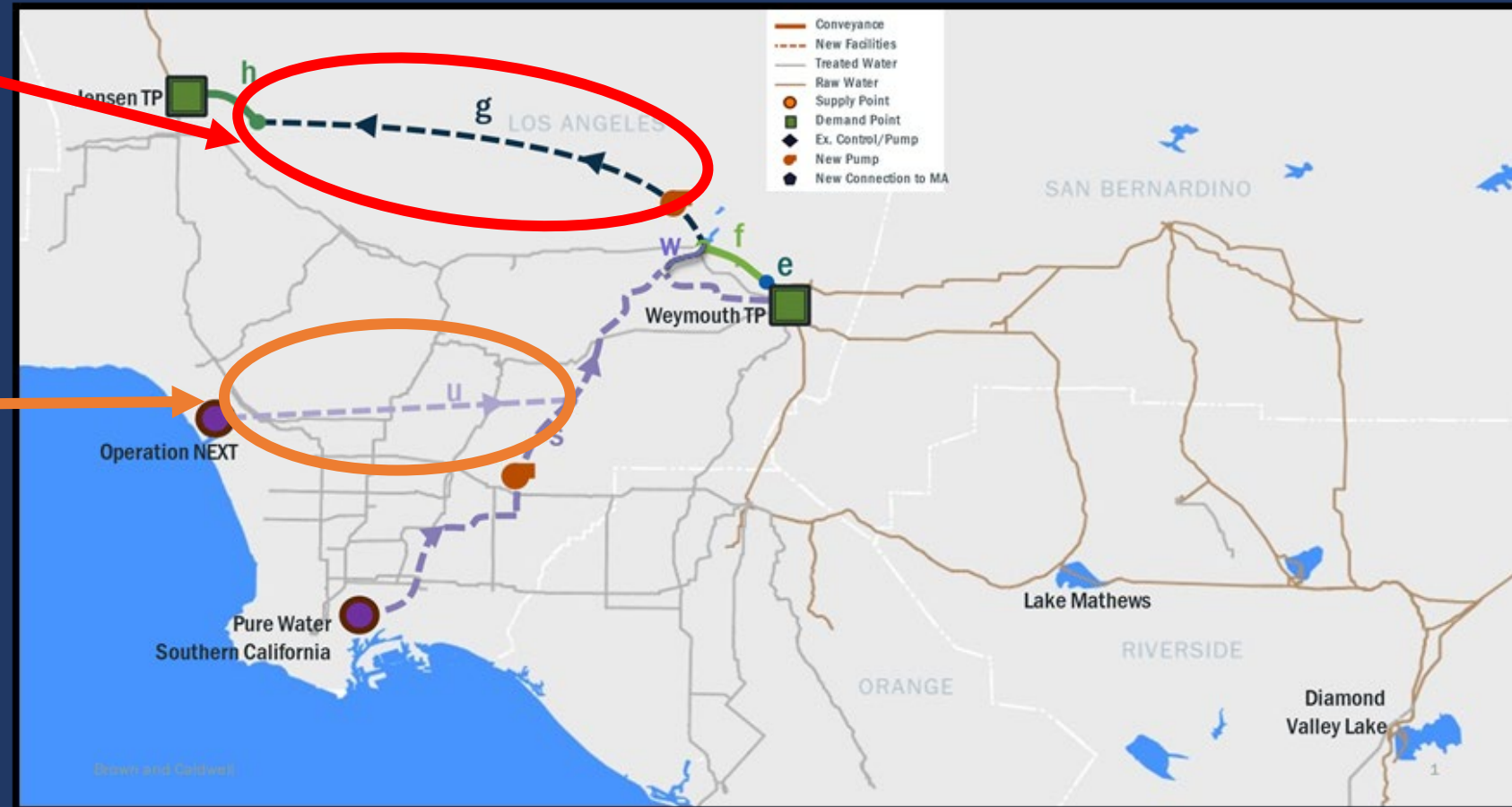
Scenario 2



Regional Conveyance and System Integration

Improve Supply Reliability and Resiliency

- Interconnected Regional Conveyance to eliminate isolated shortages and reliability disparity
- LADWP Operation NEXT integration with Metropolitan for regional distribution of local supply, and operational flexibility and system resiliency



Operation NEXT Master Plan in Progress

EVERY DROP OF WATER COUNTS



SAVE
the
DROP
SAVE THE DROP. A DRO.