



# **Professional Services Agreement with Arcadis for Engineering Services in Developing a Water Master Plan**

**December 3, 2024**

**Chisom Obegolu, Assistant General Manager – Water  
Glendale Water & Power**



# Glendale cannot exist without supplemental water



# Imported Water Supply Sources

*Glendale does not have a sustainable source of Local Water.*

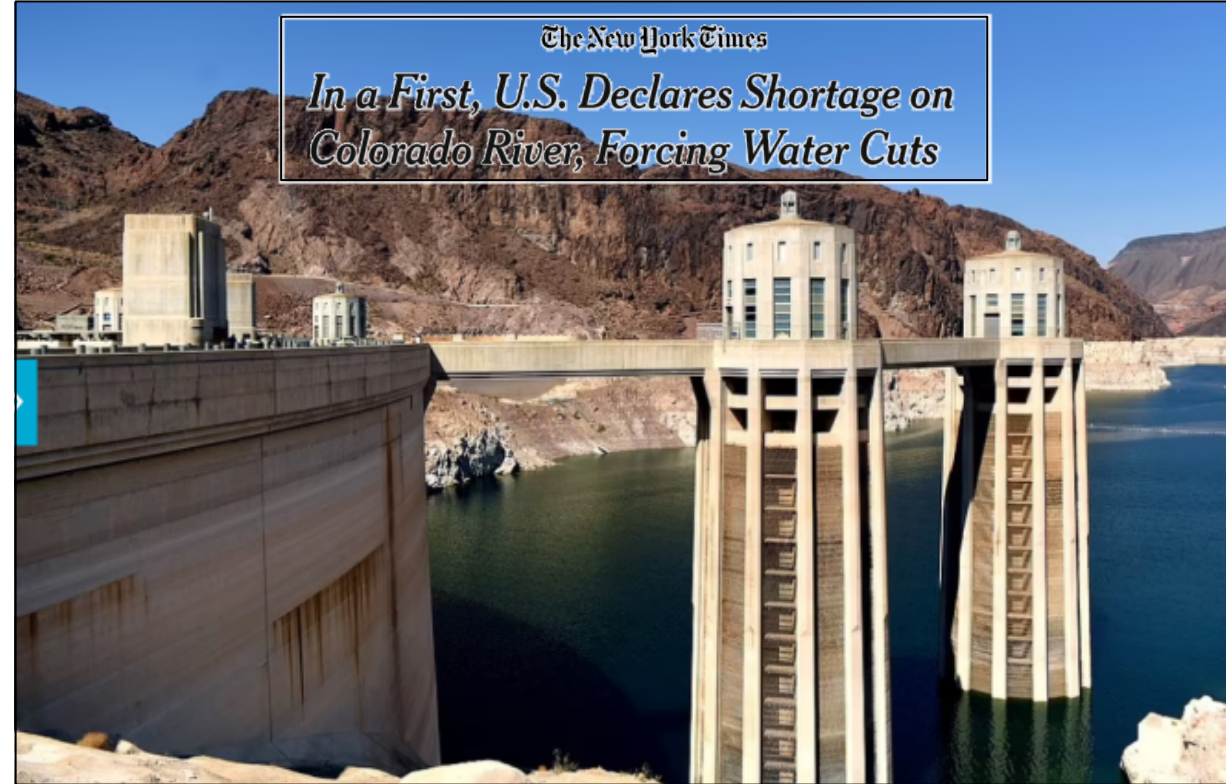




# Colorado River – Lake Mead



2000



2021

# CA State Water Project - Lake Oroville



2019



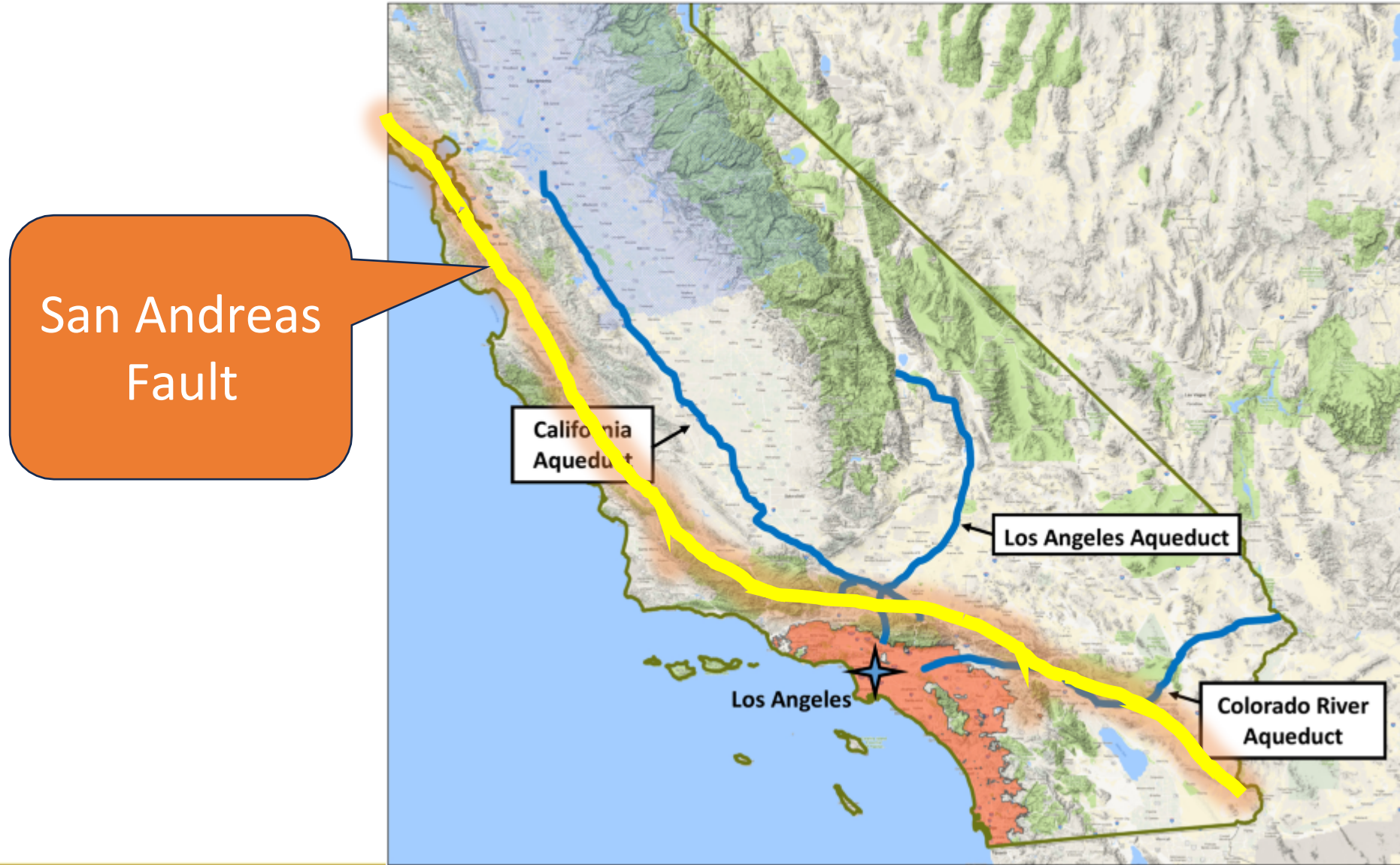
April 2021



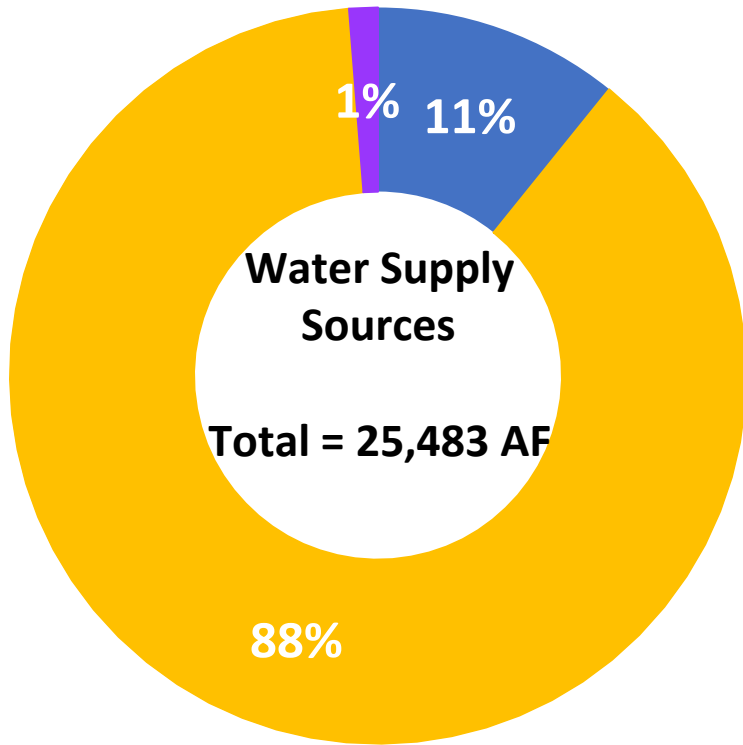
July  
2021



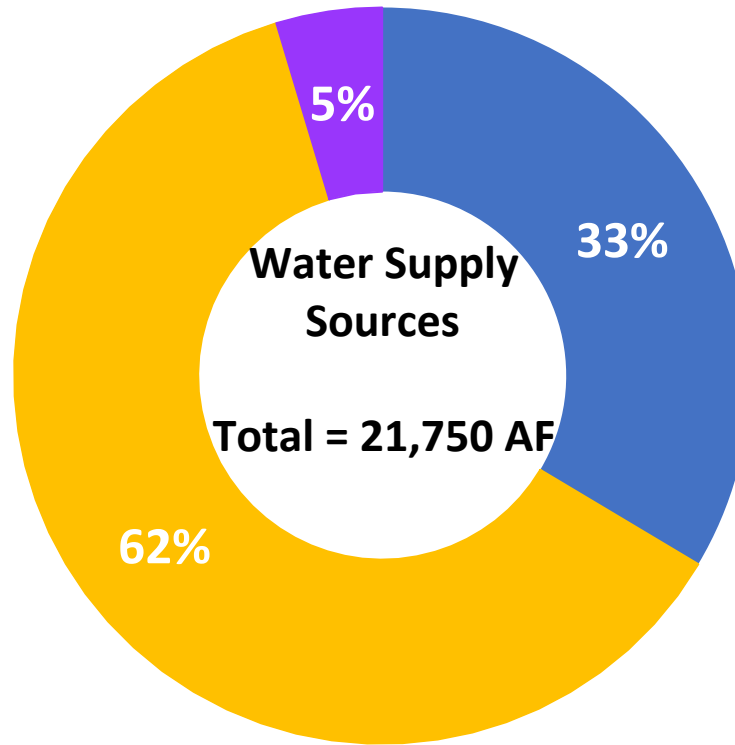
# Seismic Uncertainty



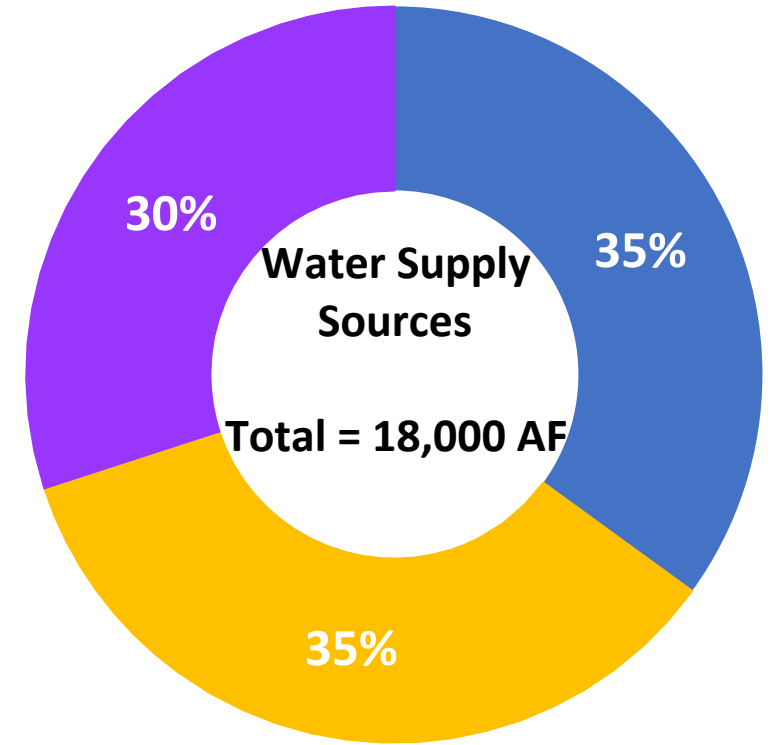
# 1991



# 2024



# 2045\*



● Imported Water (MWD)

● Local Groundwater

● Recycled Water

\*To be informed by Water Master Plan





# Infrastructure Reliability

## GWP Water System

- 37,000 Meters
- 400 Miles of Pipe
- 28 Pump Stations
- 26 Tanks & Reservoirs
- 2 Water Treatment Plants





# Community Outreach

*Community  
Ownership  
Enhancing Trust  
Building  
Relationships*



*Innovative Solutions  
Improving Outcomes  
Openness and  
Learning*



# Proposal Results

Consultant	Location	Price Proposal
Arcadis U.S., Inc.	Los Angeles, CA	\$ 1,196,892
CDM Smith, Inc.	Irvine, CA	\$ 1,978,216

## Scoring Criteria

Evaluative Criteria	Max Score	Arcadis	CDM Smith
Professional Qualifications and Experience	25.0	23.3	23.3
Project Team Experience	25.0	20.8	23.3
Technical Approach and Methodology	25.0	22.5	21.7
Cost	20.0	19.3	12.7
Completeness of Proposal	5.0	4.8	5
<b>Total Score</b>	<b>100.0</b>	<b>90.7</b>	<b>86</b>



# Key Takeaways

1. Unreliability of Imported Water
2. Increase Local Water (Recycled Water)
3. Proactively Address Ageing Infrastructure
4. Community Outreach and Engagement



# Staff Recommendation

Authorize the City Manager, or his designee, to enter into a PSA with Arcadis U.S., Inc. for engineering services in developing a comprehensive Water Master Plan., in the not-to-exceed amount of \$1,196,892.00





# Thank You!

