

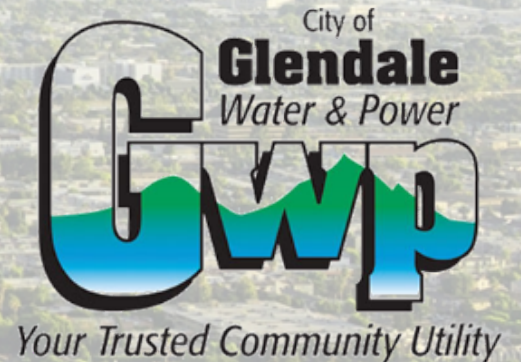


UPDATE ON THE 2025 WATER MASTER PLAN AND COST OF SERVICE ANALYSIS

Glendale Water & Power Commission

November 4, 2024

Chisom Obegolu, Assistant General Manager - Water Services
City of Glendale Water & Power



Key Items of Discussion

- Water Master Plan
 - Recycled Water Expansion Plan
 - Water System Condition Assessment
- COSA



Los Angeles County Cannot Exist Without Supplemental Water



Imported Water Supplies



Colorado River



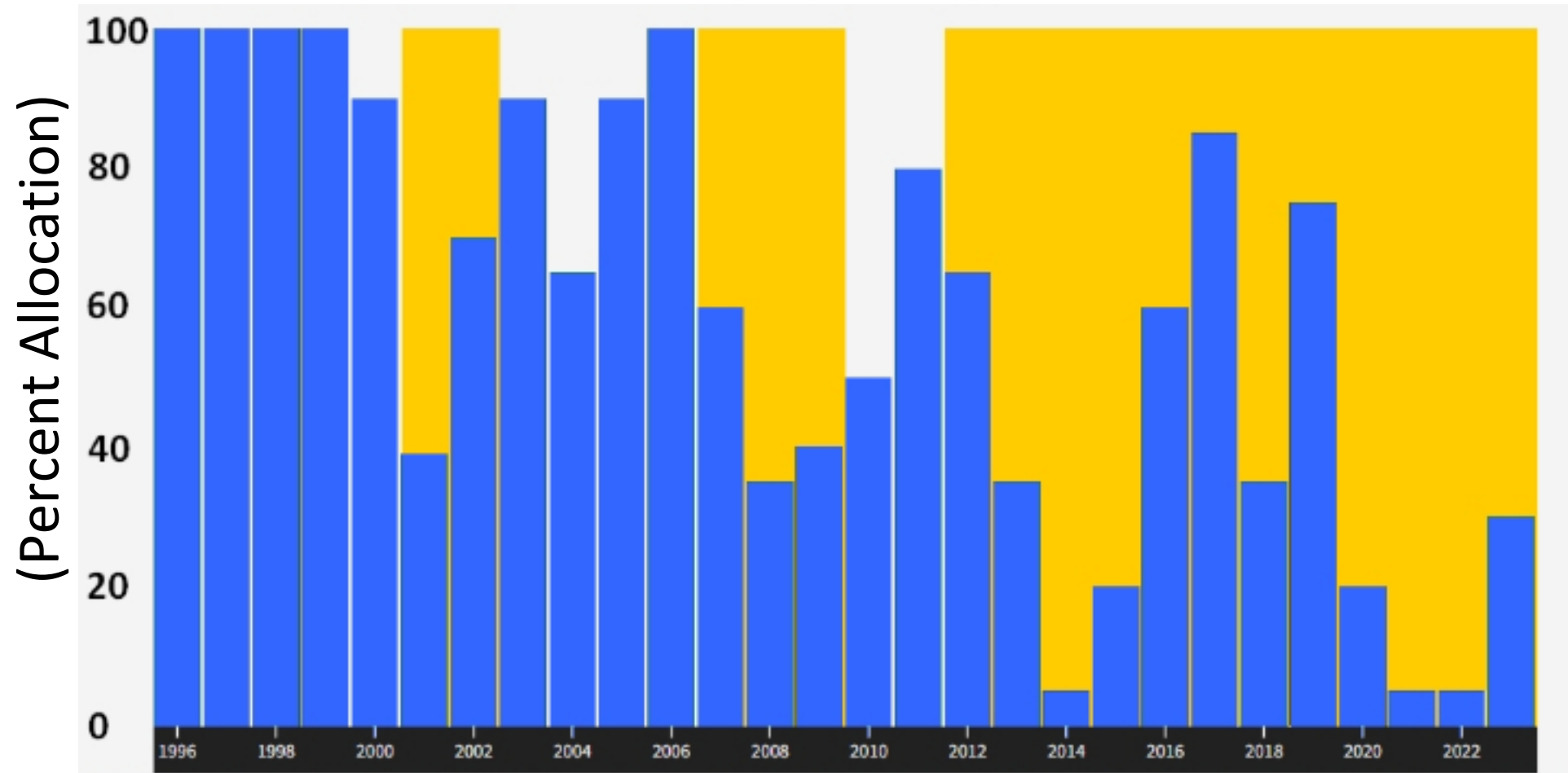
2000



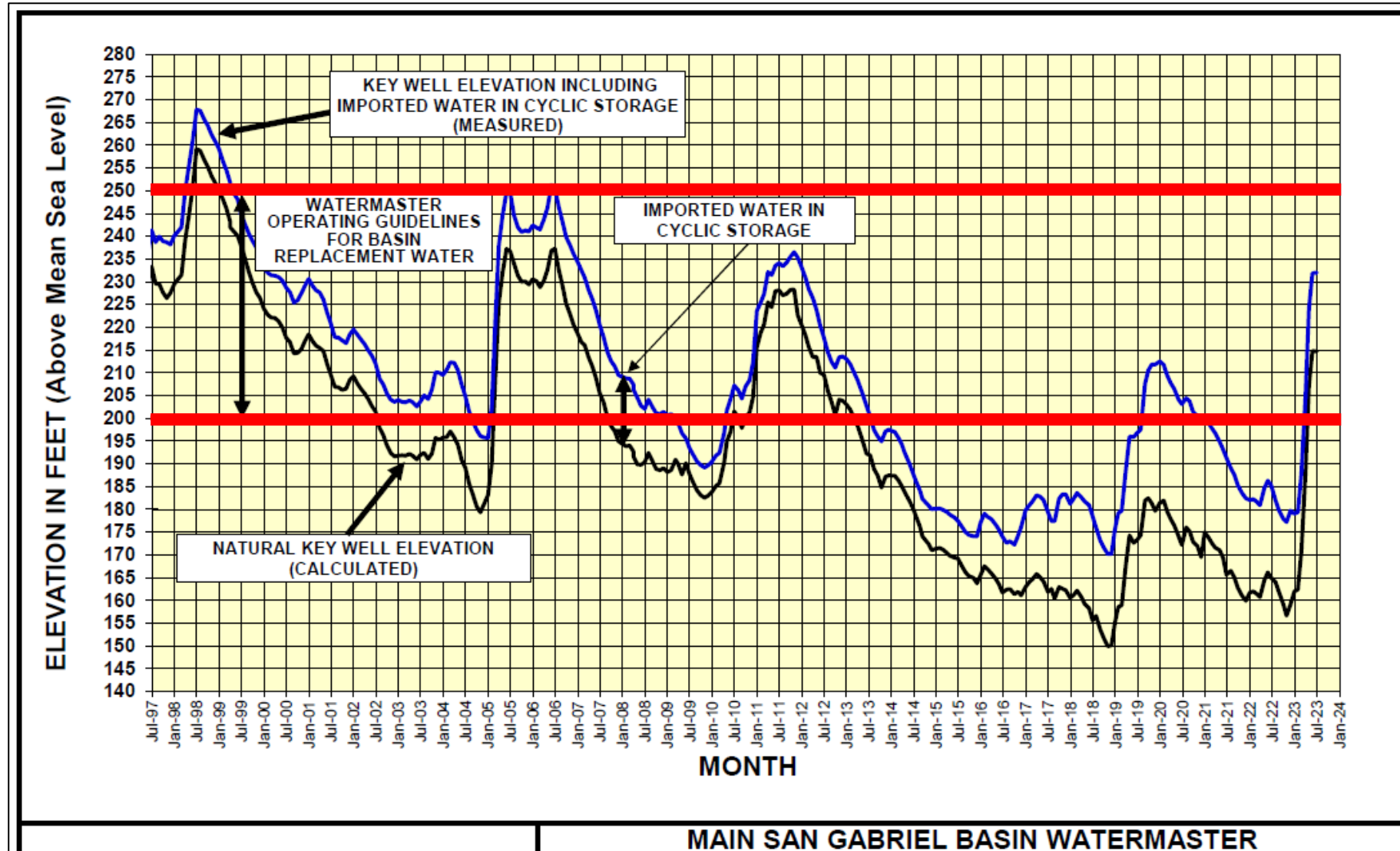
2021

State Water Project Allocation

 Drought



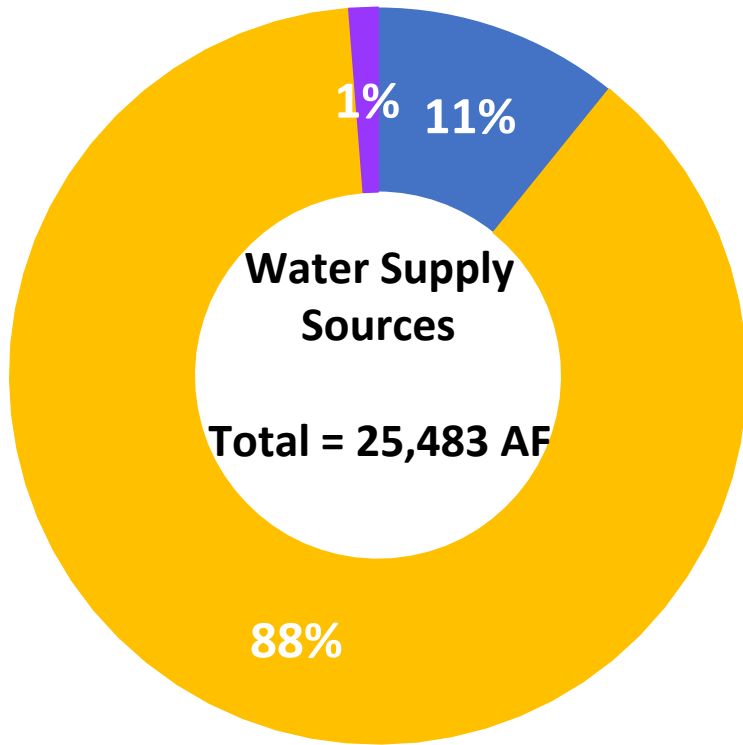
Impact on Groundwater



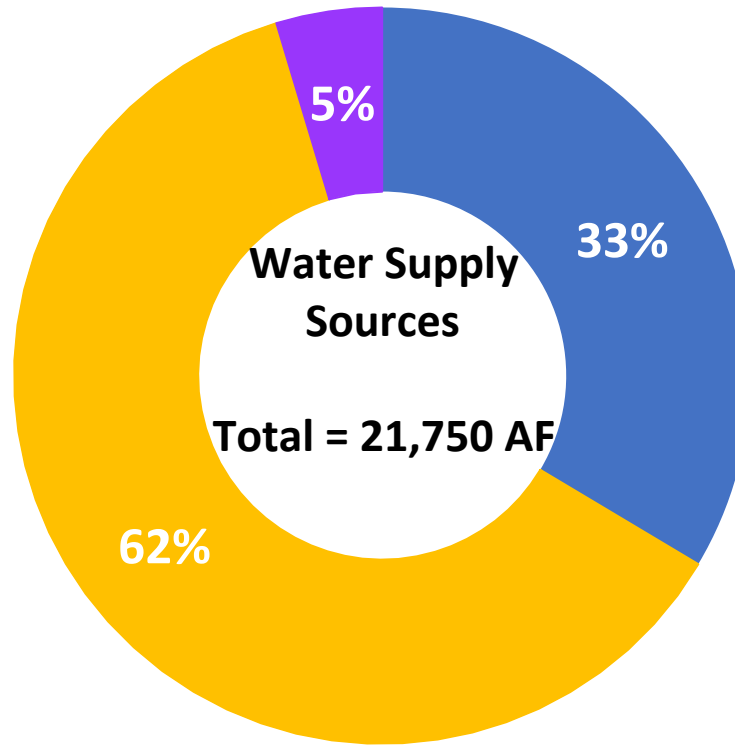
Seismic Uncertainty



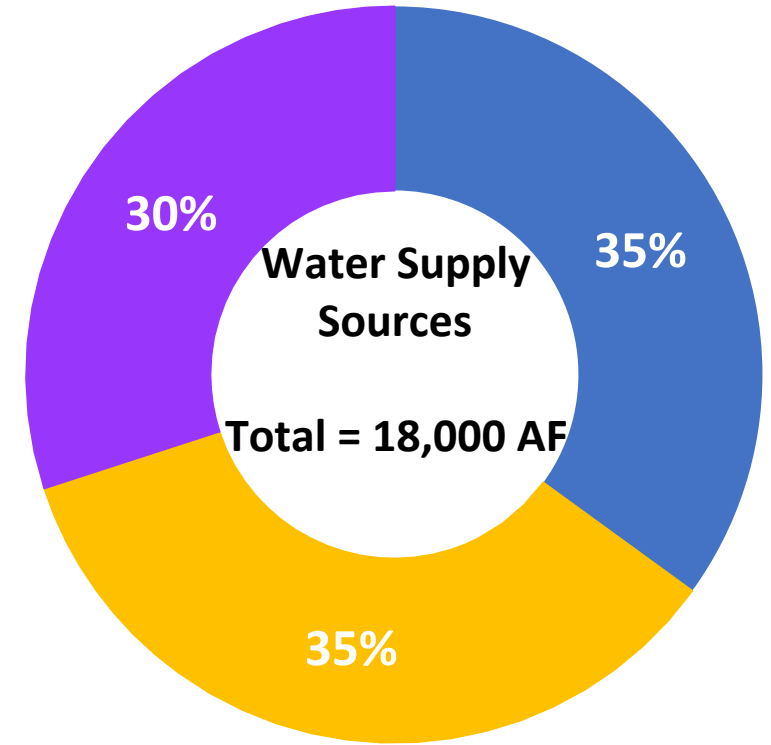
1991



2024



2045*



● Imported Water (MWD)

● Local Groundwater

● Recycled Water

*To be informed by 2025 Recycled Water Master Plan



Potable Water System

- 37,000 Customer Meters
- 400 Miles of Water Mains
- 26 Tanks and Reservoirs
- 28 Pump Stations
- 1 Water Treatment Plant

Recycled Water System

- 78 Customer Meters
- 23 miles of water mains (Purple Pipe)
- 5 Tanks
- 6 Pump Stations
- 1 RW Treatment Plant



Community Outreach

- Early and Often Engagement
- Effective informational materials
- Receive meaningful input
- Water facility tours

Potential Project Partners

- Glendale Chamber of Commerce
- Glendale Unified School District (GUS)
- Glendale Community College (GCC)
- Burbank/Pasadena Water & Power, LADWP, CVWD, FMWD.



Proposal Results – Recycled Water & Water System Master Plan

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

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
Total Score	100.0	90.7	86



Proposal Results – Water Cost of Service Analysis

Consultant	Location	Price Proposal
NBS	Temecula, CA	\$ 180,480
NewGen Strategies & Solutions	Annapolis, MD	\$ 198,660
Raftelis	Los Angeles, CA	\$ 235,006
Black & Veatch	Los Angeles, CA	\$ 425,046
Robert D. Niehaus, Inc.	Santa Barbara, CA	\$ 450,540

Evaluative Criteria	Max Score	NBS	NewGen	Raftelis	B&V	RDN
Total Score	100.0	78.5	81.3	91.8	87.3	77.5

Fiscal Impact

Item	Consultant	Amount
Water System & Recycled Water Master Plan	Arcadis U.S., Inc.	\$ 1,196,892
Water Cost of Service Analysis	Raftelis	\$ 235,006
Contingency (10%)		\$ 143,189.80
Total Estimated Cost		\$ 1,575,087.80



Recommendations

- 1) Endorse GWP's proposed recommendation to City Council to authorize the City Manager, or his designee, to enter into and execute a Professional Services Agreement (PSA) with Arcadis U.S., Inc, for engineering services in developing a Water System Master Plan and Recycled Water Master Plan; and
- 2) Endorse GWP's proposed recommendation to City Council to authorize the City Manager, or his designee, to enter into an execute a PSA with Raftelis for consulting services in developing a Water Cost of Service Analysis.



Thank You!

