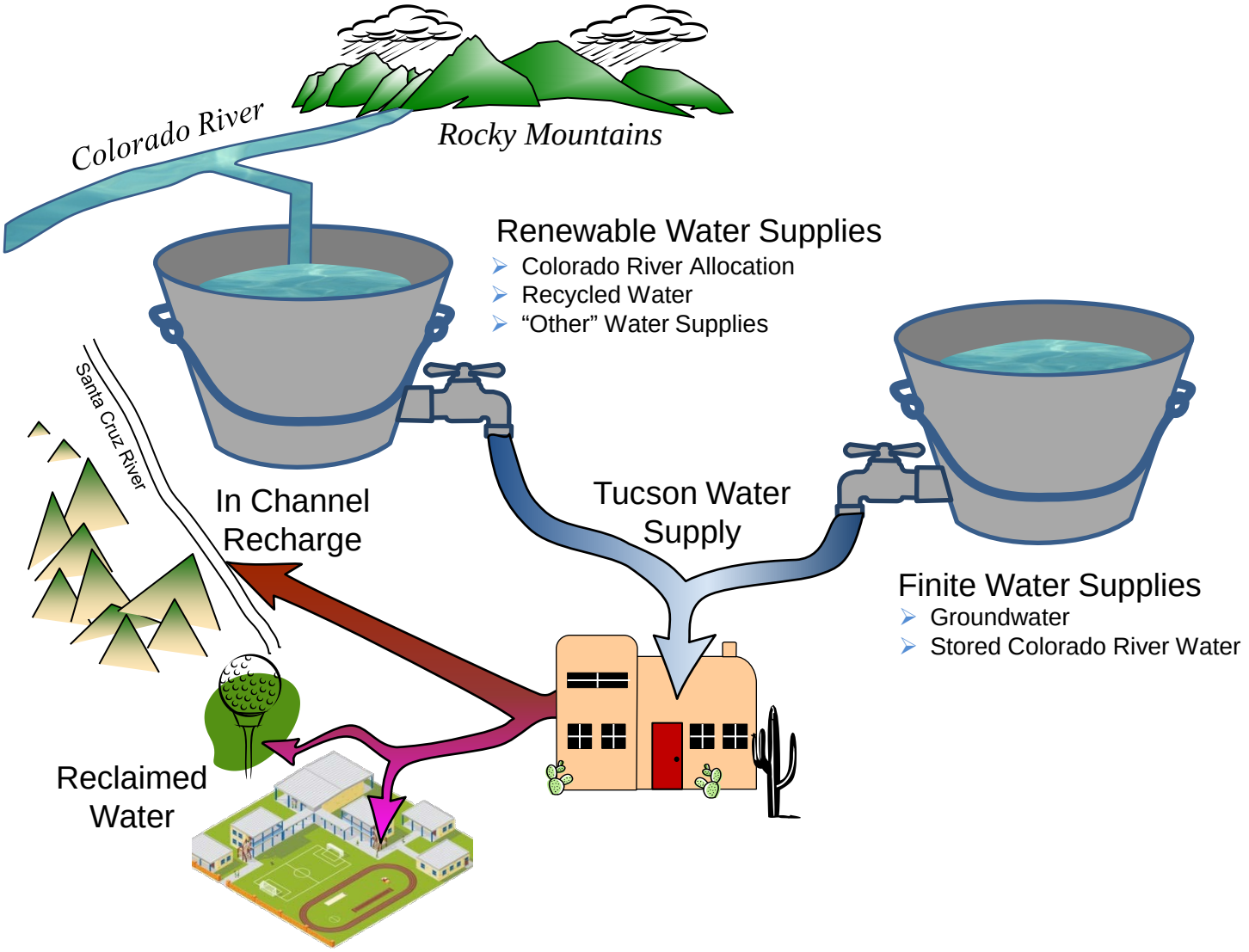
A Series of Investments
To Ensure Tucson's Water Future

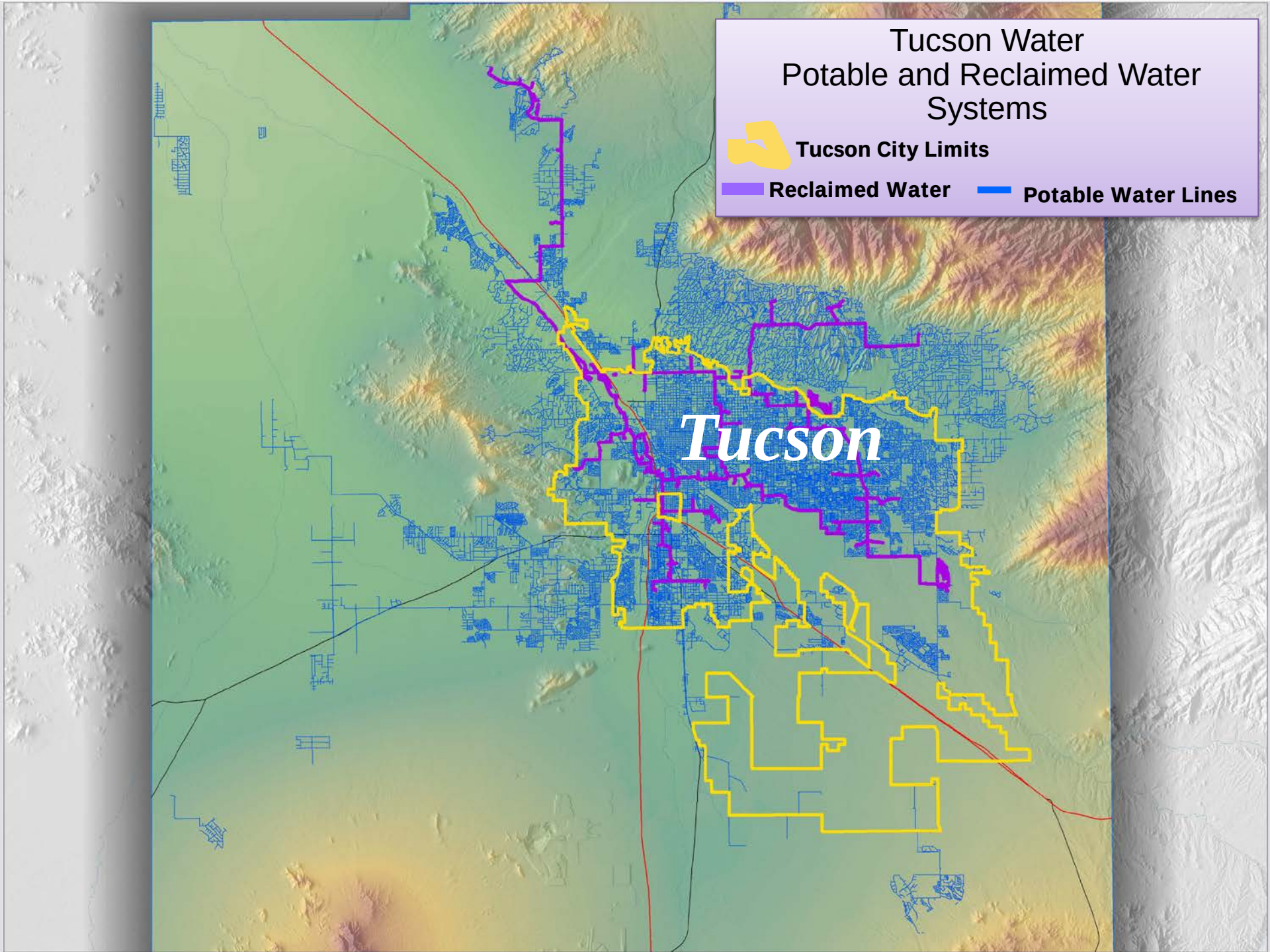
CWAC Conservation Subcommittee

February 13, 2013

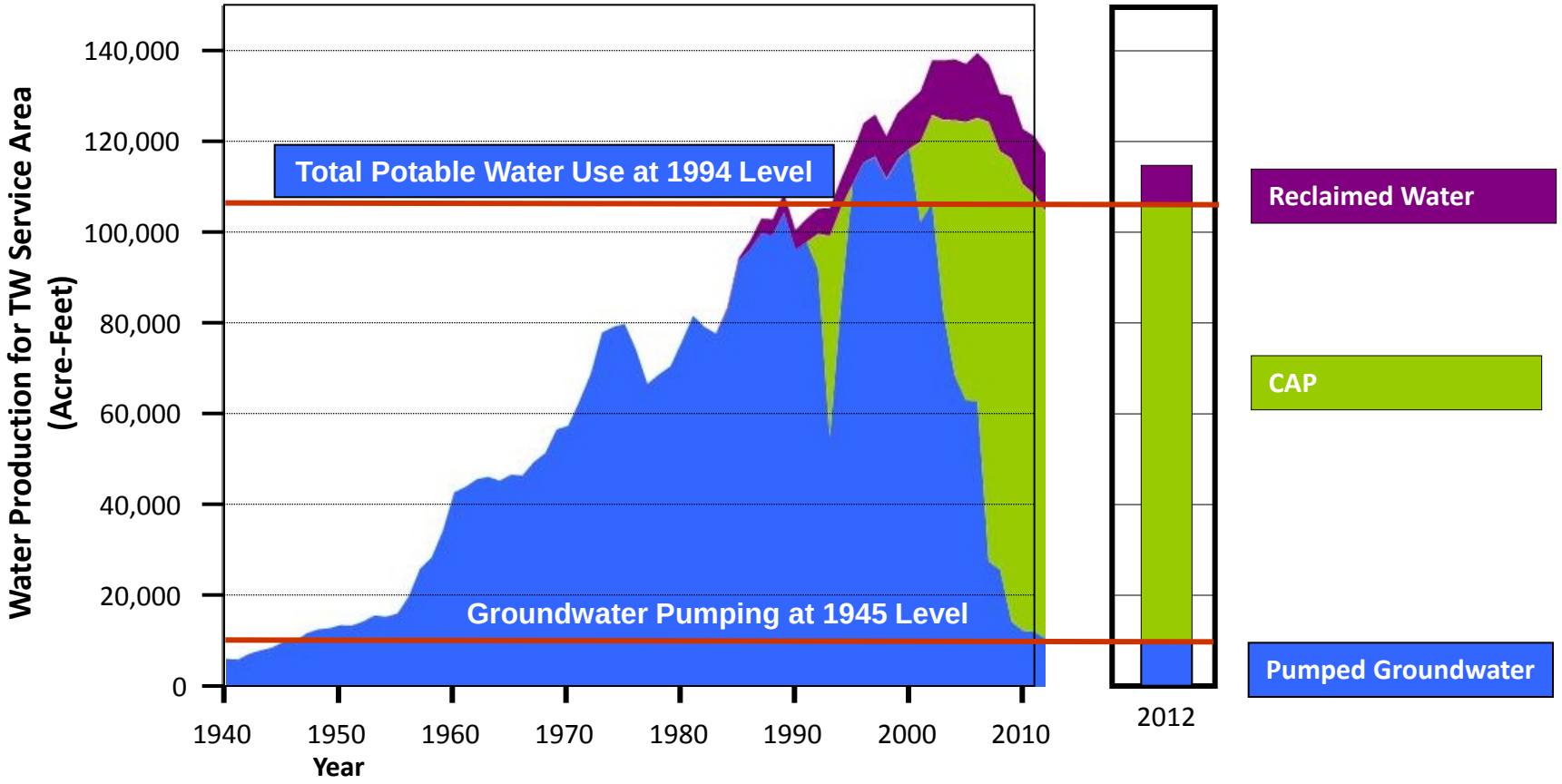
Presented by:
Wally Wilson, Chief Hydrologist
Tucson Water

Available Water Supplies



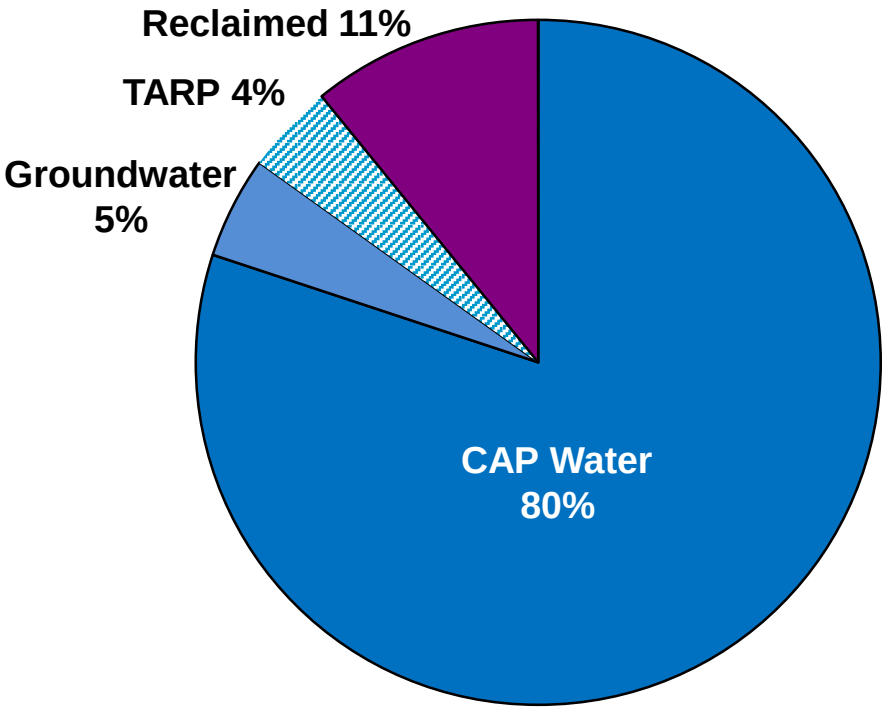

Tucson Water
Potable and Reclaimed Water Systems
Tucson City Limits
Reclaimed Water
Potable Water Lines
Tucson

Transition to Renewable Supplies

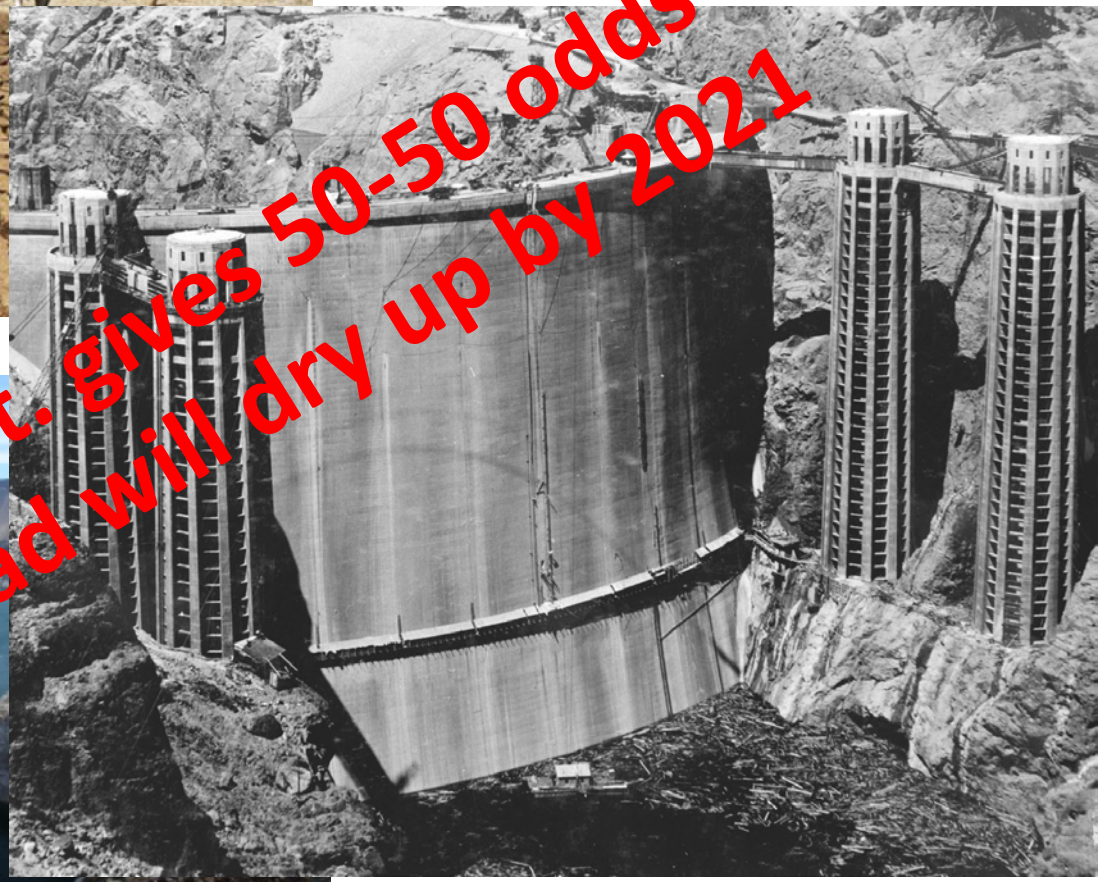


Water Utilization 2012

Total Water Production
116,709AF

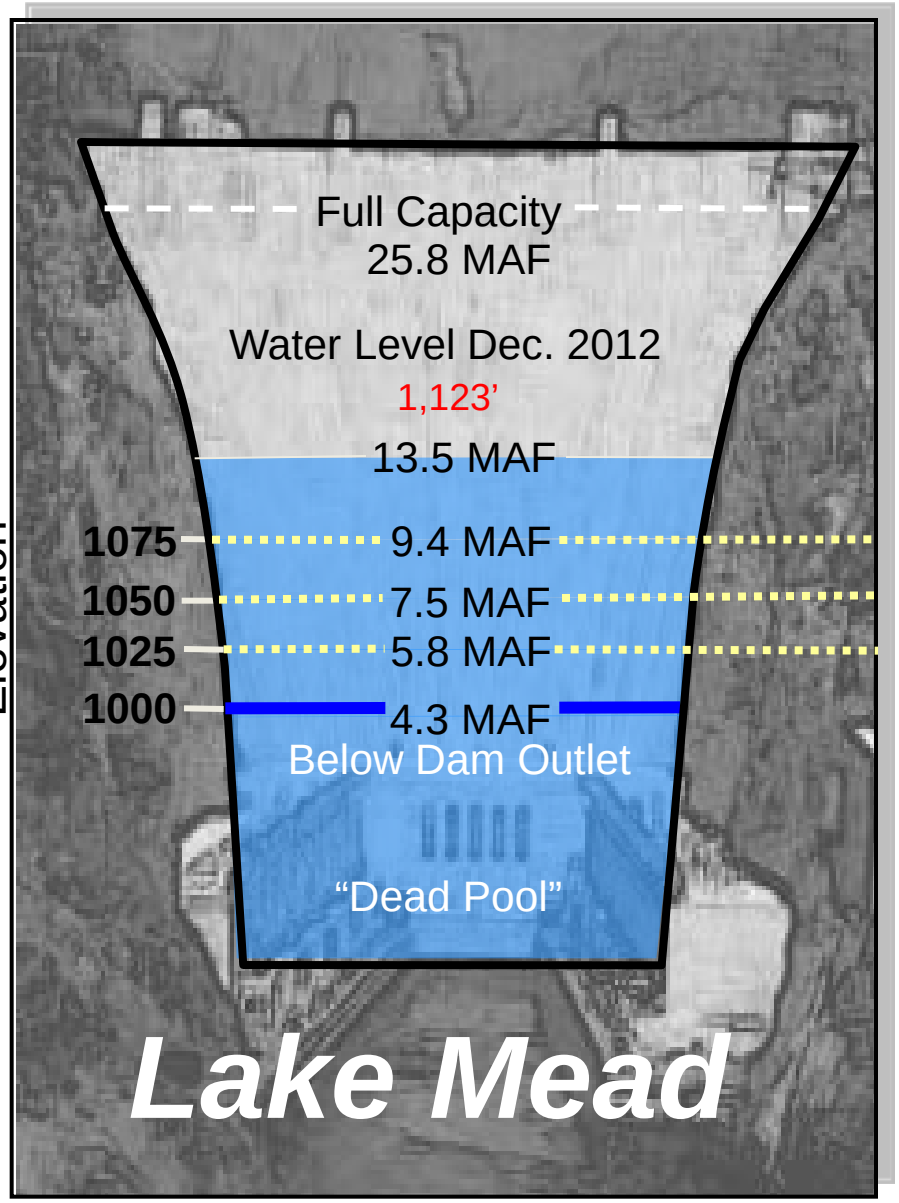


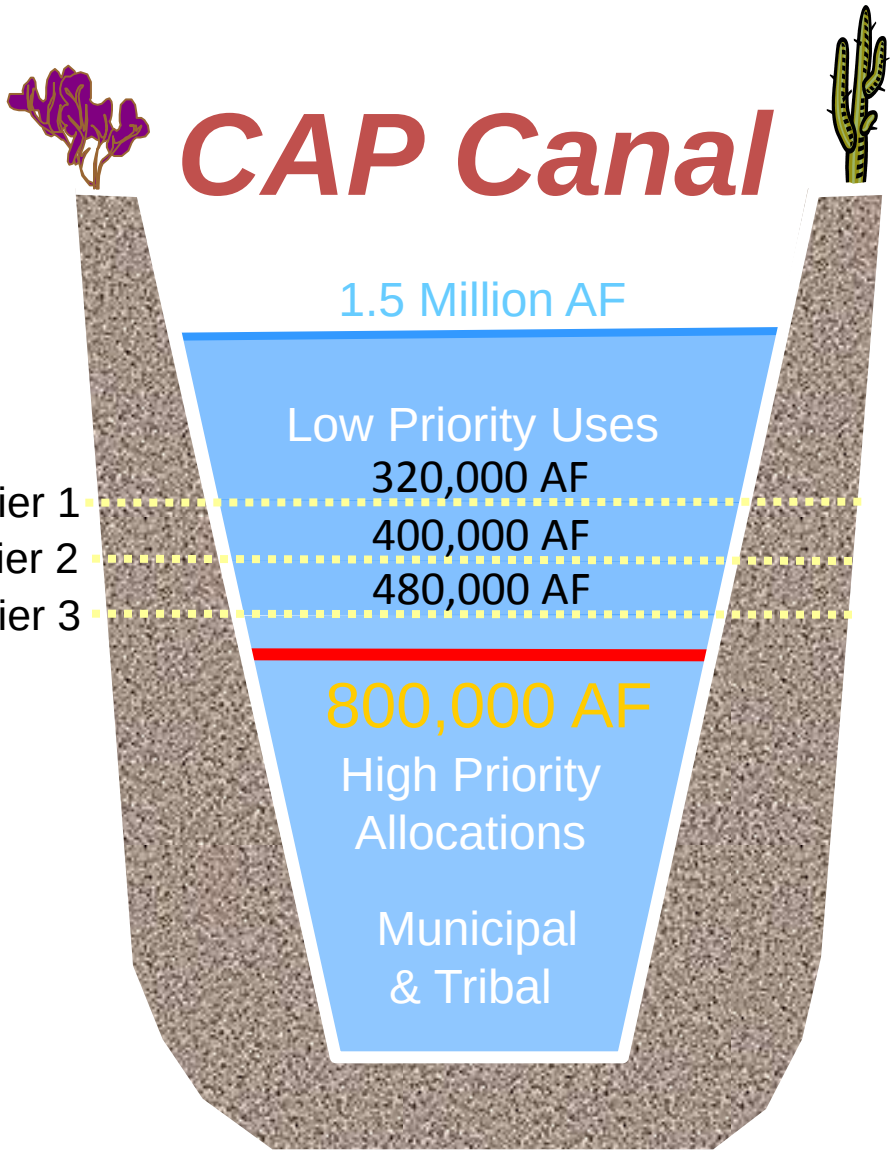
Effects of Climate Change



Scripps Inst. gives 50-50 odds Lake Mead will dry up by 2021

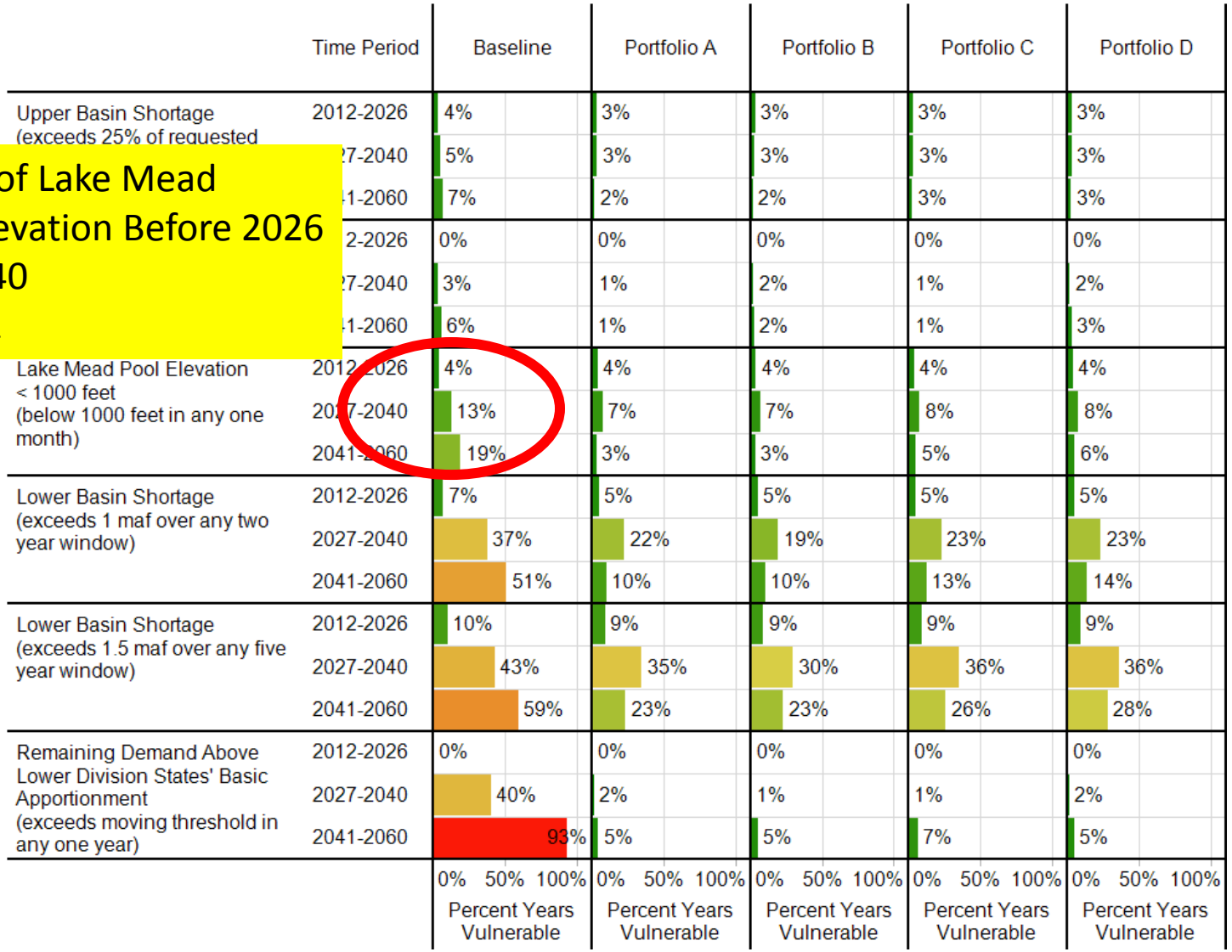
Seven Basin State
Tiered Shortage Sharing Agreement



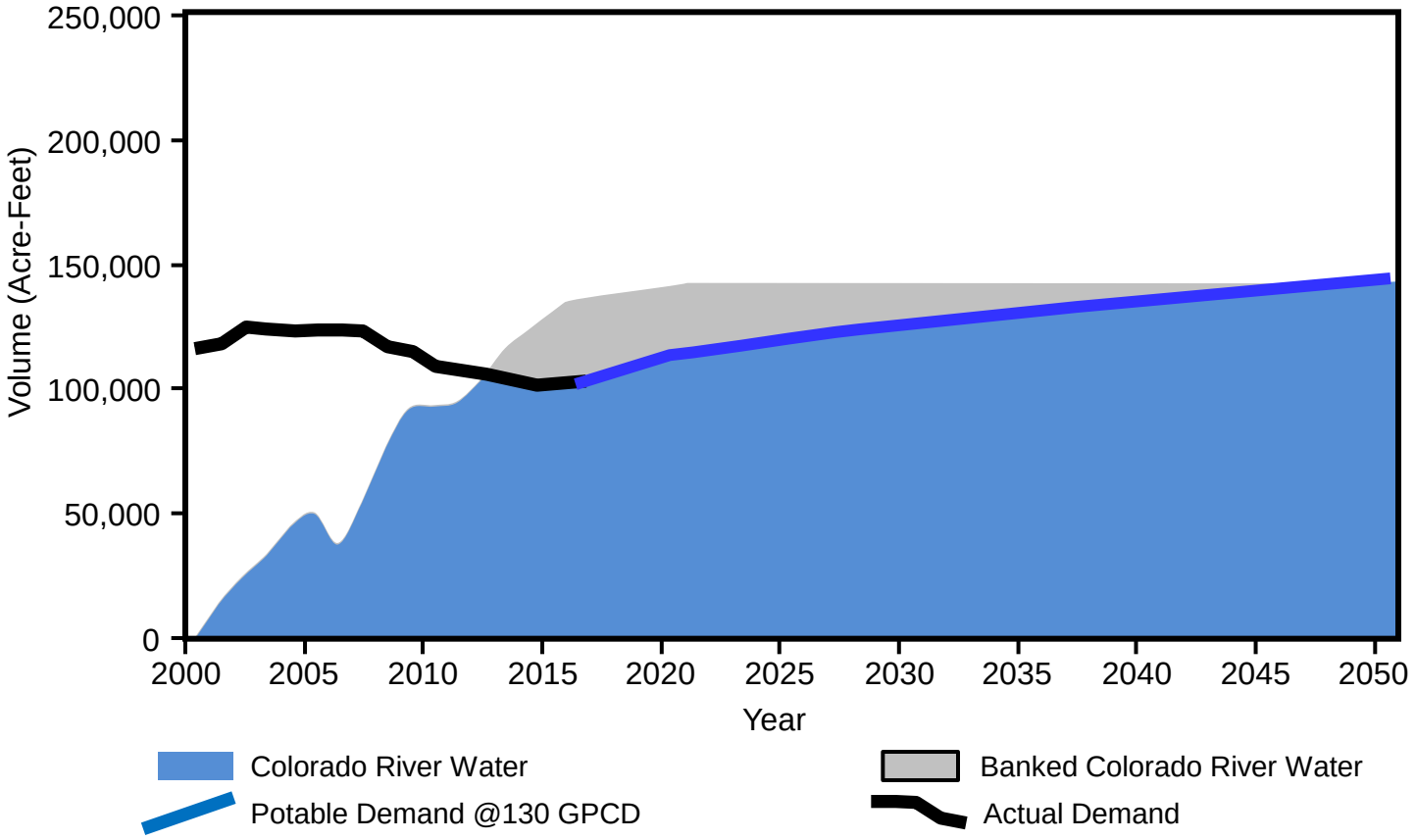


Colorado River Supply and Demand Report
USBOR - 2012

4% Probability of Lake Mead
Below 1000' Elevation Before 2026
13% Before 2040
19% After 2041



Potable Water Use Projection to 2050

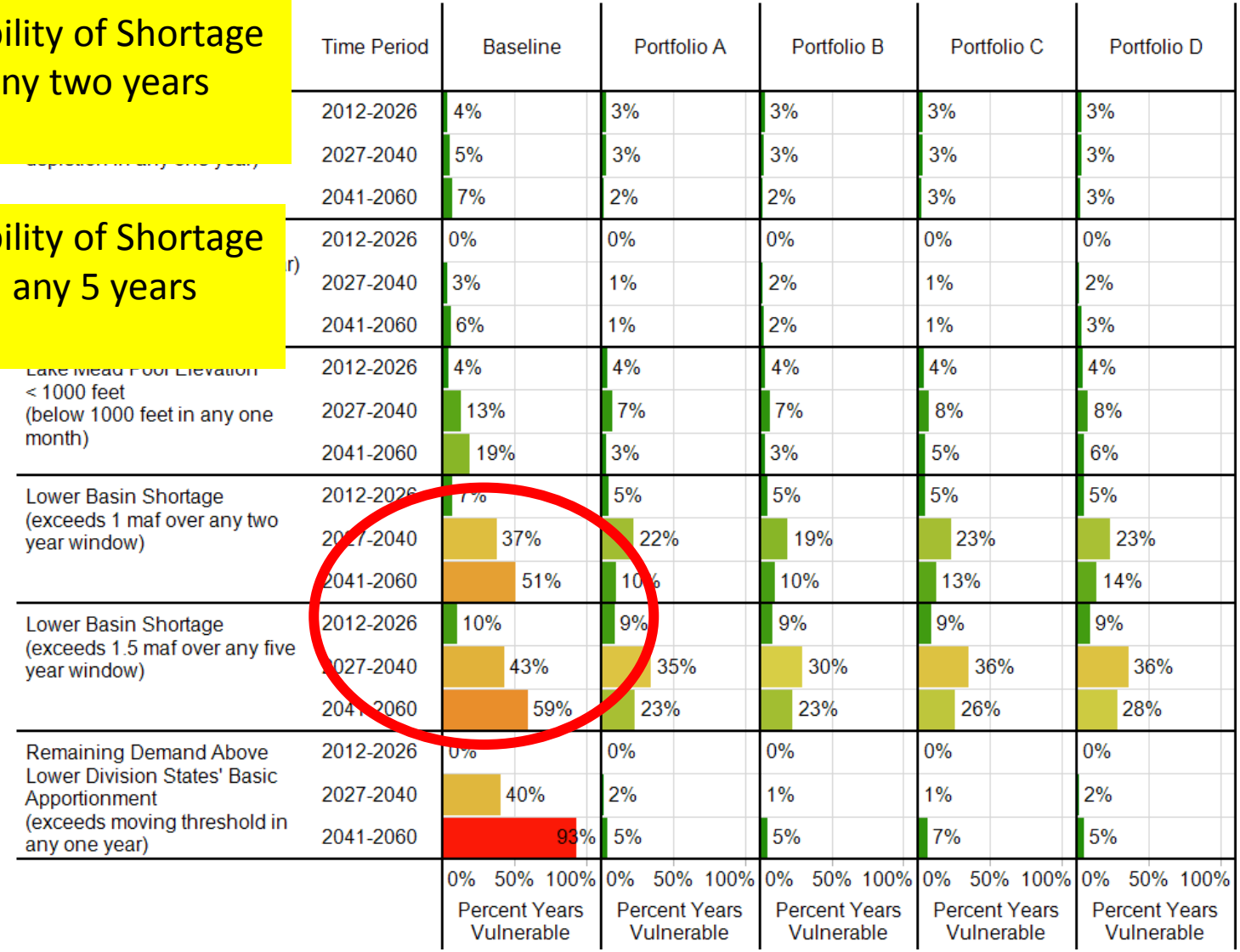


The population data was provided to TW by United States Census Bureau

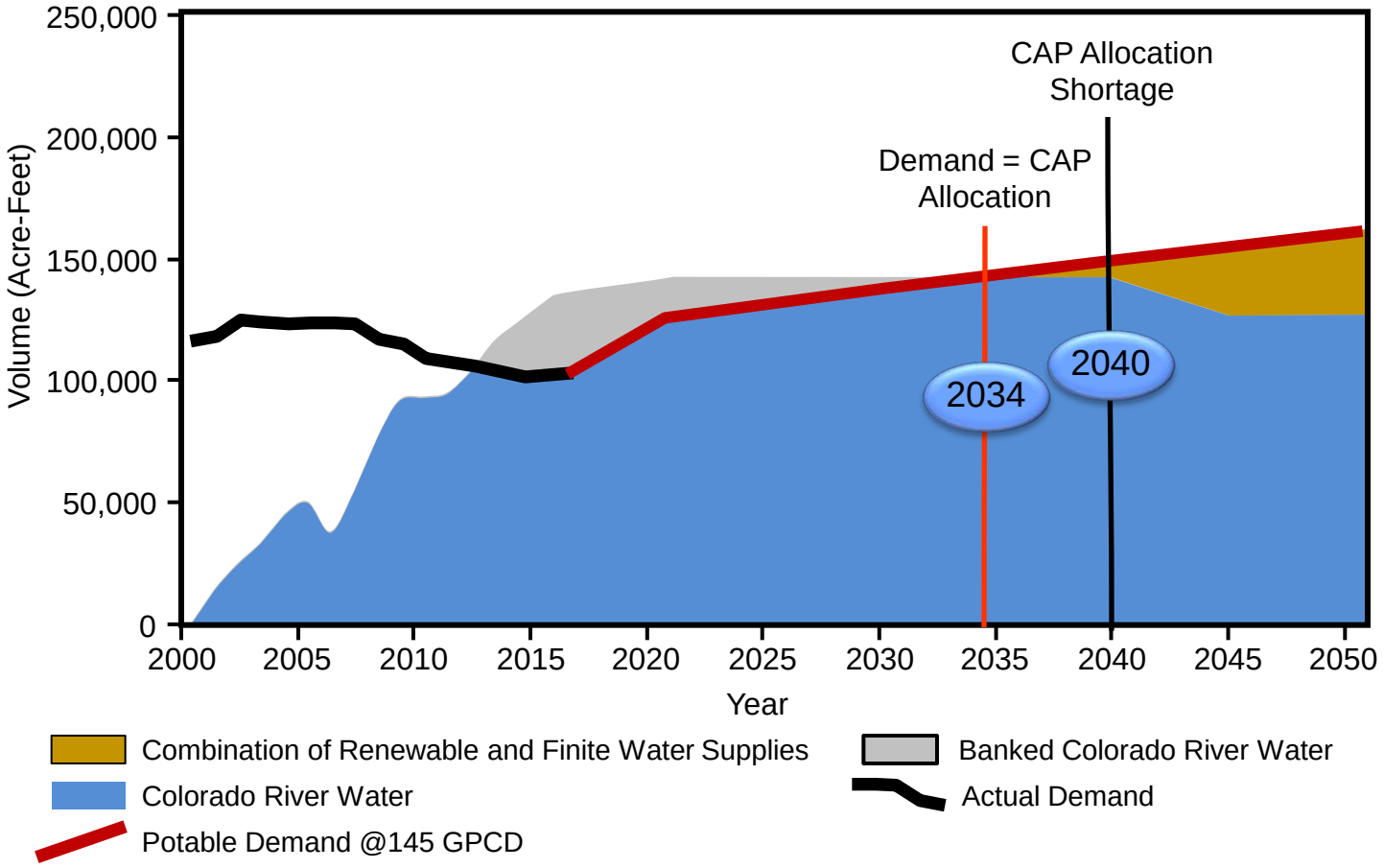
Colorado River Supply and Demand Report
USBOR - 2012

51% Probability of Shortage >1 Maf in any two years after 2040

59% Probability of Shortage >1.5 Maf in any 5 years after 2040



Potable Water Use
Projection to 2050 with Shortage



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WaterReliability

QUESTIONS?

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