



**20% x 2020**

June 2<sup>nd</sup>, 2008

# Agencies Involved

- Dept of Water Resources
- Dept of Public Health
- State and Regional Water Resources Boards
- CA Public Utilities Commission
- CA Energy Commission
- Bureau of Reclamation
- CA Urban Water Conservation Council



# How Did We Get Here?

- Governor Schwarzenegger describes seven-part plan
- First element - aggressive new goal for water conservation

“A plan to achieve a 20 percent reduction in per capita water use statewide by 2020. Conservation is one of the key ways to provide water for Californians and protect and improve the Delta ecosystem. ....”



# How Much Water is That?

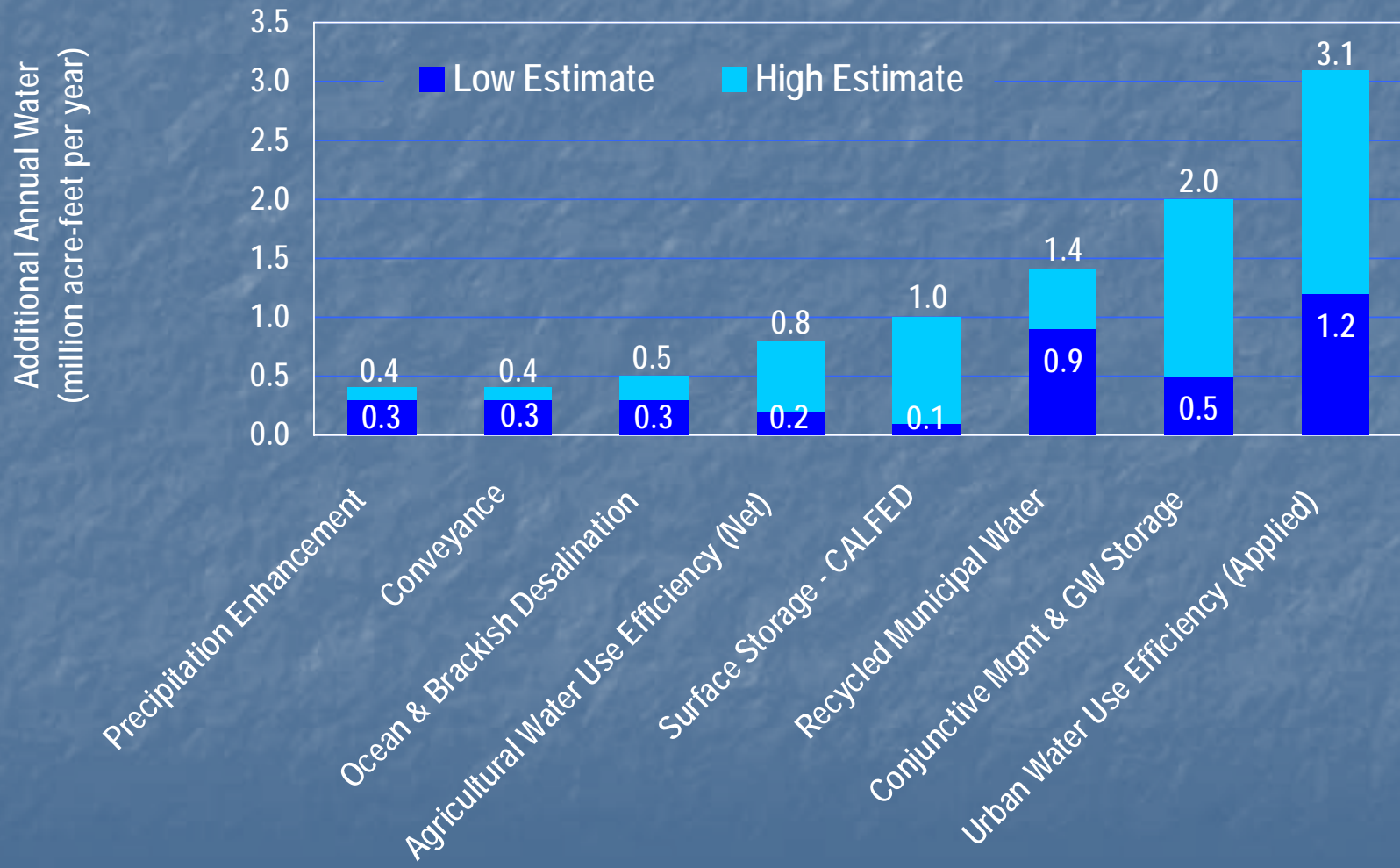
- Current use = 8.7 million acre-feet per year
- 20% reduction = 1.74 million acre-feet per year



# Is the Goal Achievable?

- Yes
- *California Water Plan Update 2005 – 1.2 to 3.1 maf*
- *2006 CALFED Water Use Efficiency Comprehensive Evaluation – 1.2 to 2.1 maf*

# Range of Additional Water by 2030 for Eight Resource Management Choices



# Implications

- Increased water conservation by all
- Eligibility for bond funds
- Building and appliance standards
- Measuring Reductions
- Determining equitable reductions





# Workplan



## Establish Baseline Information

- Define base year(s)
- Document current use per capita
- Document base year(s) population
- Determine hydrologic regional differences
- Evaluate demand components by type



# Quantify Conservation Targets and Strategies

- Develop population estimates for target years
- Estimate use per capita for target years
- Recognize conservation accomplishments
- Develop goals and objectives

# Estimate Savings Due to Current Efforts:

- Regulatory Requirements
- BMPs
- Planned Agency Programs

# New Actions if Necessary

- Accelerate metering deadline
- More aggressive tiered pricing
- Toilet replacement on resale
- De-couple revenue generation from sale



# Implementation Plans

- Approaches
- Timelines and schedules
- Budgets and funding

# Performance Metrics

- How to track success of effort in meeting conservation goals?
- Measurement and monitoring tools
- Evaluation criteria



# Scoping Discussion





# What's Next?

- Statewide workshops – public outreach in developing approach for key tasks