

# Update 2009

## Scenario Discussion

A variety of decisions need to be made about the Update 2009 Scenarios.

### Planning horizon / Time step

Water Plan 2005 utilized a 25 year window. The thinking was it needed to be of sufficient time to encourage big picture thinking but not so long (50 or more years was discussed) that it would be difficult to determine realistic options.

Another consideration is how detailed of a time step should be reported in the Water Plan. While Update 2005 reported scenario water demands for year 2030, the analysis was performed in 5 year increments (2005, 2010, 2015, etc). Water Portfolios reported data at yearly increments (1998, 2000, and 2001). Some stakeholders have suggested that the Water Plan consider reporting data at a finer level of detail such as monthly. Reporting data at a monthly time scale would require significant improvements to DWR's data collection and analytical tools.

*Question: Thinking about this update – What would you suggest regarding the Planning Horizon /Time Step?*

### Scenario Factors

Water Plan 2005 scenarios only considered conditions that:

- ◆ are plausible during planning horizon under consideration
- ◆ affect future water demands or supplies
- ◆ the water community has little control over

Update 2009 will specifically include consideration of:

- Climate change
- Drought conditions
- Flood management

*Questions: What will need to be different in the Scenario Factors given the new requirements? What types of factors would you like to see for:*

- Climate change?
- Drought conditions?
- Flood management?

### Analytical Capacity

Due to the time frame of the Update and steady but slow advancement of analytical tools, it is unlikely that staff will be able to fully quantify scenarios to the extent many people would want.

*Question: What do you view as the analytical priorities?*

### (If time permits) - Scenario Themes

Many comments have been made about the themes of the scenarios.

*Question: Given the addition of new analysis areas – what themes (and/or focus) might be more suitable for the scenarios?*