Description

Water supply and management objectives impact the ability to release water from storage for water quality, fish and wildlife, navigation, recreation, downstream, and other requirements.

Representation in WEAP system

- Minimum in-stream flows are defined using flow requirement objects associated with points on a river or diversion
  - Below major reservoirs (Shasta, Folsom, Oroville)
- Flow requirements are treated as a demand and are satisfied in accordance with the user-defined priority structure
- Environmental Flows only evaluated for Planning Area analysis

Sources of data

- “Flow Recommendations to the State Water Resources Control Board”, May 2008
- Unmet Environmental Objectives, Water Plan Update 2005
- CalSim-II flow requirements

Outstanding issues

- Using flow as a surrogate for biological requirements
- Guidance for varying monthly flow requirements by season and water year type