

Preparing Regional Reports for California Water Plan Update 2009

California Water Plan Update 2009 will include a Regional Report for each of the 10 hydrologic regions, as well as the Sacramento-San Joaquin River Delta, and the Mountain Counties overlay area, in compliance with the California Water Code as amended by SB 672 (Stats. 2001, ch. 320) ¹.

The regional reports will focus on the status and future of regional water planning and management. Each report will include a discussion of the region's major challenges, current regional and local programs and projects, relationship with other regions, future outlook, and water portfolio. The regional reports' table of contents will have these major sections:

- **Setting** – Overview of background factors that affect water availability, uses, quality, , and flooding characteristics in the region and unique sub-regions. Elements within the setting include descriptions of climate, watersheds, land use, and population.
- **Regional Water Conditions** – Overview of the current status of water resources in the region and unique sub-regions, including key implications derived from analysis of the region's water supplies, water needs, water quality, water systems, and flood conditions and management systems.
- **Relationship with Other Regions** – Discussion of if and how a region is affected by, or affects, other hydrologic regions, the Sacramento-San Joaquin River Delta, and the Mountain Counties overlay area.
- **Regional Water and Flood Planning and Management** – Discussion of the status of Integrated Regional Water Management and other regional plans, highlighting key challenges and accomplishments, as well as drought and flood management planning.
- **Looking to the Future** – Discussion of regional response strategies for meeting future water demands, quality standards, and flood management needs, adapting to climate change, and achieving sustainability.
- **Water Portfolios from 1998-2005** – Report of the estimated components of regional water supply and use balances during recent years.
- **Selected References** – List of information sources supporting the narrative.

¹ **Senate Bill 672 (Machado)** requires the State to include in the California Water Plan, which is prepared every five years, a report on the development of regional and local water projects, within each hydrologic region. Projects that use technologies such as desalinization, reclamation, and recycling will be included in the report. This is important because the capability of better utilizing all water sources, such as rainfall, snowmelt, surface water, groundwater, ocean water, or reclaimed wastewater, is a reality that can help these regions meet their own water needs without having to look elsewhere for water supplies.

Water Code Section 10013. The department, as a part of the preparation of the department's Bulletin 160-05, shall include in the California Water Plan a report on the development of regional and local water projects within each hydrologic region of the state, as described in the department's Bulletin 160-98, to improve water supplies to meet municipal, agricultural, and environmental water needs and minimize the need to import water from other hydrologic regions. The report shall include, but is not limited to, regional and local water projects that use technologies for desalting brackish groundwater and ocean water, reclaiming water for use within the community generating the water to be reclaimed, the construction of improved potable water treatment facilities so that water from sources determined to be unsuitable can be used, and the construction of dual water systems and brine lines, particularly in connection with new developments and when replacing water piping in developed or redeveloped areas.