California Water Plan Update 2009

Tribal Water Plenary Sessions

Overview

California Water Plan Coordination with Tribes
The California Water Plan

- First published in 1957 as Bulletin 3
- Updated 8 times (Bulletin 160); last one in 2005
- DWR required by law (Water Code) to update the Water Plan every 5 years; next one in 2009
- Growing interest by Legislature and stakeholders
- Part of Governor’s Strategic Growth Initiative
Update 2009 – State’s Blueprint
Integrated Water Management & Sustainability

VISION

- Public Health, Safety, Quality of Life
- Vitality, Productivity, Economic Growth
- Healthy Ecosystem, Cultural Heritage

Foundational Actions for SUSTAINABLE WATER USES
- Use Water Efficiently
- Protect Water Quality
- Expand Environmental Stewardship

Initiatives for RELIABLE WATER SUPPLIES
- Expand Integrated Regional Water Management
- Improve Statewide Water and Flood Management Systems
Update 2009 Features

- Integrates State government initiatives, objectives & strategies and offers ~100 near- and long-term actions to achieve them.
- Incorporates strategies for Integrated Flood Management and climate adaptation & mitigation.
- Describes 27 resource management strategies to help regions diversify their water portfolios and increase regional self-sufficiency.
- Outlines new analytical methods and tools to plan for effects of population growth & development patterns, climate change, economic change, and other uncertainties.
- Updates 12 regional reports.
Water Plan Update Organization

- Water Plan Highlights (with CD)
- Vol. 1 > The Strategic Plan
- Vol. 2 > 27 Resource Management Strategies
- Vol. 3 > 12 Regional Reports
- Vol. 4 > Reference Guide - coming (Online articles)
- Vol. 5 > Technical Guide - coming (Online documentation)
Volume 1 --- The Strategic Plan

1. Introduction
2. Imperative to Act
3. Companion State Plans
4. California Water Today
5. Managing an Uncertain Future
   Uncertainty, Risk & Sustainability
6. Integrated Data & Analysis
7. Implementation Plan
   13 Objectives & ~100 Related Actions
   9 Recommendations
27 Resource Management Strategies
A Range of Choices

Reduce Water Demand
- Agricultural Water Use Efficiency
- Urban Water Use Efficiency

Improve Operational Efficiency & Transfers
- Conveyance – Delta
- Conveyance – Regional/Local
- System Reoperation
- Water Transfers

Increase Water Supply
- Conjunctive Management & Groundwater Storage
- Desalination – Brackish & Seawater
- Precipitation Enhancement
- Recycled Municipal Water
- Surface Storage – CALFED
- Surface Storage - Regional/Local

Improve Flood Management
- Flood Risk Management

Improve Water Quality
- Drinking Water Treatment and Distribution
- Groundwater/Aquifer Remediation
- Matching Quality to Use
- Pollution Prevention
- Salt & Salinity Management
- Urban Runoff Management

Practice Resource Stewardship
- Agricultural Lands Stewardship
- Economic Incentives (Loans, Grants, and Water Pricing)
- Ecosystem Restoration
- Forest Management
- Land Use Planning & Management
- Recharge Areas Protection
- Water-Dependent Recreation
- Watershed Management
13 Linked Objectives & 100 Related Actions

1. Expand integrated regional water management
2. Use and reuse water more efficiently
3. Expand conjunctive management of multiple supplies
4. Protect surface and groundwater quality
5. Expand environmental stewardship
6. Practice integrated flood management
7. Manage a sustainable California Delta
8. Prepare prevention, response & recovery plans
9. Reduce energy consumption of water systems & uses
10. Improve data & analysis for decision-making
11. Invest in new water technology
12. **Improve Tribal water & natural resources**
13. Ensure equitable distribution of benefits
Tribal Coordination, Involvement, and Outreach
California Water Plan Update 2009
Process Guide

Public
- Advisory Committee
  Communities of Interest
  Statewide Organizations
- Regional Forum & Workshops
  Communities of Place
  Local Agencies & Governments
- Extended Review Forum
  Interested Public

Govt-to-Govt Collaboration
- Water Plan Steering Committee
  State Agencies
- Coordination
  Federal Agencies
- Consultation and Coordination
  Tribal Governments

Multi-Disciplinary Project Team
- Work Teams
  Analytical Tools & Data
  Communications Planning
  Environmental Water
  Facilitation
  Integrated Flood
  Management
  Land & Water Use
  Resource Management
  Strategies
  Water Supply & Balance
  Water Quality
- Regional Leads
  State staff working with Regional Efforts
  Regional Reports

Statewide Water Analysis Network (SWAN)
- Scientists & Engineers
  Information Exchange & Data Integration
  Climate Change
  Shared Analytical Tools & Methods
24-Month Collaboration Statistics
Mar 2007 – April 2009

Comparison
Statistic
87% of collaboration in
40% of the time

Plus:
- 3 stand-alone Tribal briefings
- Tribal briefings preceding Regional Workshops

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* Not including briefings
Tribal Participation so far . . .
in CWP Update 2009

1. Tribal Communication Committee met monthly since Oct. 2007
2. First Tribal Water Plenary Jan. 2008
3. Tribal briefings at 2008 Regional Workshops, some hosted by Tribes
4. TCC Tribal Communication Plan
5. Tribal Flood Session at FMA Conference Oct. 2008
6. Planning for 2009 Tribal Water Summit
“This Tribal Communication Plan is intended to help everyone involved in the California Water Plan – including the Department of Water Resources and all other State and federal agencies – to communicate appropriately and effectively with all California Native American Tribes about water-related issues that may affect them in their territories and ancestral homelands.”
Objective 12 & 10 Related Actions

- **Objective 12** – Develop Tribal consultation, collaboration, and access to funding for water programs and projects to have more sustainable Tribal water and natural resources.

- **Water Plan Update 2005** recommended that DWR and other State agencies must invite, encourage, and assist tribal government representatives to participate in statewide, regional, and local water planning processes and to access State funding for water projects.

- For **California Water Plan Update 2009**, the Tribal Communication Committee (TCC) prepared a comprehensive Tribal Communication Plan.
  - One of 10 objectives calls for convening a Tribal Water Summit
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