

**California Water Plan
Update 2009
RESOURCE
MANAGEMENT
STRATEGIES**

**INCREASE WATER
SUPPLY**

**PLENARY SESSION
October 15, 2009**

California **Water Plan**
Highlights

INTEGRATED WATER MANAGEMENT



Update 2009 - Department of Water Resources

Public Review Draft

January 14, 2009

SESSION AGENDA

- 1. Welcome and Greetings
- 2. Introduction to Increase Water Supply
- 3. Strategies that generate new supplies of water are the primary ways to increase the flexibility of the water system
- 4. Overview of the recommendations by category
- 5. Small and Large Group Discussion

27 Resource Management Strategies

A Range of Choices (Volume 2)

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

INCREASE WATER SUPPLY

- The Water Supply Resource Management Strategies are designed to generate new supplies and/or availability of water. By increasing the capacity and flexibility of the water system, each Resource Management Strategy generates and/or improves water supplies for uses in ways that typically result in multiple benefits. While many of the strategies could be utilized to support improved water quality, environmental stewardship or a variety of other goals, the principle focus is on maintaining or enhancing and providing for sustainable water supply.

KEY ELEMENTS OF THIS STRATEGY

- *Conjunctive Management and Groundwater Storage*
- *Desalination*
- *Precipitation Enhancement*
- *Recycled Municipal Water*
- *Surface Storage – CALFED*
- *Surface Storage- Regional/Local*

Recommendations Categories

- **FUNDING / INCENTIVES** – the things State Agencies can do to support state activities or activities by others, either by providing funds or other forms of incentives.
- **RESEARCH / DATA DEVELOPMENT** – the areas where more information is needed in order to improve and/or maintain implementation of the strategies.
- **GOVERNANCE/ POLICY AND LAW** – the areas where the organizational structures, policies, protocols and laws that affect the strategy can be enhanced.

Recommendations Categories

- **EDUCATION / OUTREACH** – areas where active outreach and education could result in better implementation of the strategy.
- **PLANNING** – Articulates approaches for future action, integrating activities of others, and using system level approaches to improve and/or maintain implementation of the strategy.

Instructions for Break Out Sessions

> Are there any red flags related to this strategy group?

What should the next steps be to implement this at the State and Regional levels?

What are measures of success for this strategy group?

Note: Later in the day we will discuss things you would like to see in Water Plan Update 2013. As you review these strategies, consider if there is any topic you would like to raise in the Afternoon discussion.