



# Water Boards' Bay-Delta Strategic Workplan

July 17, 2008

Delta Vision



# Water Boards

- State Water Resources Control Board
- Central Valley Regional Water Quality Control Board
- San Francisco Bay Regional Water Quality Control Board



## Resolutions adopted by Water Boards directed staff to develop a Strategic Workplan that:

- Describes Coordinated Activities of Water Boards to address Bay-Delta issues
- Prioritizes/describes scope of individual activities
- Provides specificity regarding timelines/resource needs



# Draft Strategic Workplan

- Describes high priority Bay-Delta activities Water Boards will take in next 5 years
- Implements Water Boards' core water quality and water right responsibilities
- Continues meeting prior Water Board commitments
- Builds on existing processes, including Bay Delta Conservation Plan (BDCP)



# Responsive to priorities identified by Governor

- Water conservation
- Interim actions to protect & restore Delta habitat
- Program to protect Delta water quality
- Begin public process to study alternatives to improve Delta water conveyance system



# Letter From Delta Vision

- Statewide conservation
- Use public trust, reasonable use, no waste provisions
- Identify, act on diversions in Delta watershed
- Integrate Board actions with other agencies, private parties for CA policy goals
- Protect species as part of water flow & water quality determinations



# Strategic Workplan Elements

- Water Quality/  
Contaminants Control
- Comprehensive  
Monitoring Program
- Southern Delta  
Salinity/San Joaquin  
River Flows
- Suisun Marsh
- Review of Bay-Delta  
Plan
- SWP/CVP Methods of  
Diversion
- Investigate, Enforce  
Water Rights, Other  
to Ensure Flows
- Water Use Efficiency
- Other Activities



# Water Quality/Contaminants Control

- TMDLs
- Drinking Water Policy
- Once-Through Cooling Policy
- Sediment Quality Objectives
- Invasive Species Management
- Blue-Green Algae Control
- Characterize Delta Island Discharges
- Evaluate/Control Effects of Ammonia
- Selenium Screening Study
- In-Delta Pesticide Use





# Comprehensive Delta Monitoring Program

- **Short-Term:** establish framework for coordinating existing monitoring and assessment efforts, assure existing information synthesized and analyzed regularly
- **Long-Term:** develop comprehensive monitoring program in coordination with Interagency Ecological Program / other monitoring

# Southern Delta Salinity/San Joaquin River Flows

- Coordinated review of southern Delta salinity/ San Joaquin River flow objectives/implementation
- Will address emerging issues identified in 2006 Bay-Delta Plan, expiration of VAMP
- Revised objectives and implementation to improve protection of beneficial uses: San Joaquin Basin salmonids, pelagic species/other organisms; San Joaquin River water quality (salinity, dissolved oxygen, other constituents)

# Suisun Marsh Management, Preservation, Restoration

- Support effort to develop Suisun Marsh Plan
- Make any needed changes to Bay-Delta Plan Suisun Marsh objectives/implementation to protect public trust/fish & wildlife beneficial uses
- Regulate, manage, study pollutants in Marsh
- Address development around Marsh to minimize impacts to beneficial uses
- Encourage development of watershed management plan for watershed tributary to Marsh

# Comprehensive Review of Bay-Delta Plan

- Establish and implement interim and long-term objectives in Bay-Delta to protect fish & wildlife uses/public trust
- Coordinate with BDCP to assure analysis of broad range of alternatives for potential changes to Bay-Delta Plan and implementation: interim until any new conveyance; long-term with new conveyance; long-term without new conveyance
- Coordinate with BDCP to assure adequate analyses for any change to methods of diversion

## SWP/CVP Methods of Diversion

- Participate in BDCP to ensure that the process develops a plan satisfactory to State Water Board
- State Water Board has responsibility (CA Constitution and Water Code) to prevent waste and unreasonable use of water
- If DWR/USBR fail to develop or implement a plan satisfactory to State Water Board, or if new information supports action, State Water Board may undertake a proceeding to evaluate reasonableness of SWP's and CVP's methods of diversion and develop a remedy
- Methods of diversion includes time, manner, location, and quantity of diversion

# Water Right Compliance, Enforcement, Other Activities To Ensure Flows To Meet Objectives

- Increased demands on water & environmental concerns increase need to enforce water rights to ensure adequate flows:
  - Investigate illegal diversions in Bay-Delta watershed; take enforcement action
  - Conduct water right compliance inspections to assess compliance with terms & conditions
  - Illegal diverters will be directed to: cease diversions; obtain legal water right; or pursue contract for water supplies
- May take additional actions including: water conservation & proceeding to ensure natural/abandoned flows not diverted when needed to meet objectives

# Water Use Efficiency

- Adopt regulations requiring water suppliers to implement mandatory Best Management Practices
- Conduct adjudicative proceedings for one urban and one agricultural area or supplier to determine if reasonable, and to prevent waste and unreasonable use
- Work with multi-agency team to develop strategy to reduce per capita water use by 20% by 2020
- Prepare report to Legislature on feasibility, costs, potential financing of water measurement database
- Adopt State policy for water quality control to require development of Water Recycling Plans



# Other Activities

- Work with DFG to develop and implement in-stream flow requirements for priority California streams, including a Delta tributary
- Oversee effort to develop delta smelt refuge
- On-going assessment of needs for fish screens for Delta diversions
- Central Valley Salinity Management Plan (CV-SALTS)
- NEW: Expedite transfers and temporary urgency change petitions per Governor's Drought Proclamation



# Proposed Timeline

Calendar Year	2008				2009				2010				2011				2012				2013	
Calendar Year Quarter	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2
Fiscal year	08/09				09/10				10/11				11/12				12/13					
Fiscal Year Quarter	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
<b>1) Water Quality and Contaminant Control:</b>																						
• <i>TMDLs</i>																						
• <i>Drinking Water Policy</i>																						
• <i>Once-Through cooling</i>																						
• <i>Sediment Quality Objectives</i>																						
• <i>Invasive Species Management</i>																						
• <i>Blue Green Algae</i>																						
• <i>Discharges from Delta Islands</i>																						
• <i>Effects of Ammonia Concentrations</i>																						
• <i>Selenium Screening Study</i>																						
• <i>In-Delta Pesticide Use</i>																						
<b>2) Comprehensive Monitoring Program:</b>																						
• <i>Initial development</i>																						
• <i>Implementation</i>																						
<b>3) Southern Delta Salinity and San Joaquin River Flows</b>																						
<b>4) Suisun Marsh</b>																						
<b>5) Comprehensive Review of Bay-Delta Plan:</b>																						
• <i>Initial Development (work with BDCP)</i>																						
• <i>Implementation</i>																						
<b>6) Reasonableness Proceeding</b>																						
<b>7) Water Right Investigation, Enforcement, and Other</b>																						
<b>8) Water Use Efficiency</b>																						
<b>9) Other Activities</b>																						
various timelines																						
<b>Delta Vision</b>																						
<b>BDCP</b>																						
<div style="display: flex; justify-content: space-around;"> <span style="background-color: #cccccc; width: 20px; height: 10px; display: inline-block;"></span> current activity         <span style="background-color: #333333; width: 20px; height: 10px; display: inline-block; margin-left: 20px;"></span> substantially new activity       </div>																						

Note: Additional work will occur in many cases beyond the times shown but specific activities are not yet clearly defined.