



# CALFED Storage Program



# CALFED Storage Program Involved Agencies & Staff

- Surface Storage Investigations

- DWR Surface Storage Investigation Branch, Reclamation, CCWD, and other local agencies

- Groundwater Conjunctive Management

- DWR Conjunctive Water Management Branch and local agencies

# CALFED Storage Program Year 3 Assessment

## ■ **Surface Storage Investigations - Primary Accomplishments**

- Common Assumptions activities are being managed through the Surface Storage Program to develop consistency among all the individual project analyses with respect to baseline assumptions
- Received Federal Feasibility Study Authority for the Los Vaqueros Reservoir Expansion, North-of-the-Delta Offstream Storage, and Upper San Joaquin River Basin Storage Investigations

# CALFED Storage Program Year 3 Assessment

## ■ SSI - Primary Accomplishments

- Complete a re-engineered **In-Delta Storage** (State) feasibility study by June 2003
- Completed a Draft Mission Statement Milestone Report for **Shasta Lake Enlargement**
- Completed Draft Project Concept Report for **Los Vaqueros Reservoir Expansion** and held series of public meetings
- Continued environmental studies for **North-of-the-Delta Offstream Storage**
- Completed a Draft Phase I Investigation Report for **Upper San Joaquin River Storage** and conducted five stakeholder workshops

# CALFED Storage Program Year 3 Assessment

## ■ **Groundwater Conjunctive Management - Primary Accomplishments**

- Awarded at least 21 grants totaling \$5 million from AB 303 funds to conduct groundwater studies, monitoring, and management activities. A total of 69 grant proposals requesting \$15.4 million were submitted.

# CALFED Storage Program

## Year 3 Assessment

### ■ **Surface Storage Investigation Delays**

- Lack of adequate and stable funding have delayed all surface storage programs
- Decision on negotiating to acquire Delta Wetlands; delayed until after 2003 **In-Delta Storage** studies are completed and reports are reviewed by the CBDA Science Program and the public
- Resolve Public Resources Code restriction on State participation in **Shasta Lake Enlargement**; need additional studies
- Complete feasibility study and environmental review on a **Los Vaqueros Expansion** alternative; due to lack of adequate funding and Federal feasibility authority, delay CEQA/NEPA process until after public voter approval in November 2003
- Complete environmental review and documentation for **North-of-the-Delta Offstream Storage**; access issues for field surveys, inadequate funding and resources to maintain schedule

# CALFED Storage Program

## Year 4 Work Plan

### ■ **Surface Storage Investigations Primary Tasks**

- Continue **Common Assumptions** efforts and other policy matters
- Coordinate with **California Bay-Delta Authority** on finance plans and identifying beneficiaries
- Complete Science Panel and public review of State feasibility study for the re-engineered **In-Delta Storage** Project
- Formulate alternatives for **Shasta Lake Enlargement**; assess impacts to McCloud River
- Release draft feasibility study and EIR/EIS for the **North-of-the-Delta Offstream Storage** Project in June 2004
- Secure CCWD Board of Directors approval of **Los Vaqueros Reservoir Expansion** and schedule local vote for November 2003
- Begin Phase 2 studies for **Upper San Joaquin River Storage**

# CALFED Storage Program Year 4 Work Plan

- **Groundwater Conjunctive Management Primary Tasks**
  - Award \$86 million in Prop 13 funds and \$5 million in AB 303 funds
  - Continue to provide oversight on projects awarded funding through the grants and loans program
  - Continue to work with local agencies to develop locally controlled and managed groundwater programs
  - Implement early stages of the most promising projects and aggressively pursue implementation of additional projects

# CALFED Storage Program

## Year 4 Work Plan

### ■ **Surface Storage Investigation Issues**

- **In-Delta Storage:** BDPAC, CBDA recommendations and agency decision for future studies and negotiations with Delta Wetlands; Federal feasibility authority
- **Shasta Lake Enlargement:** McCloud River
- **Los Vaqueros Expansion:** CCWD Board and local referendum vote
- **NOD Offstream Storage:** Sacramento River Flow Regime Science Panel review, identifying project beneficiaries
- **NOD Offstream Storage, In-Delta Storage, Los Vaqueros Expansion, and Upper SJ Storage:** federal and State funding, contracting mechanisms



# CALFED Storage Program Year 4 Work Plan

## ■ Program Science

- Establish Standing Science Board
- In-Delta Storage Science Review (Operations, Water Quality, Environmental)
- Independent Board of Consultants for In-Delta Storage and NOD Offstream Storage projects
- Establish Science Panel for NOD Offstream Storage Flow Regime

# CALFED Storage Program

## Major Stage 1 Decision Points

### ■ Surface Storage Investigations

- Year 4 - begin review of all five Surface Storage programs to determine which projects should proceed
- April 2004 - BDPAC and CBDA recommendations on In-Delta Storage
- November 2003 - CCWD vote on Los Vaqueros Expansion

# CALFED Storage Program Surface Storage Investigations

## State and Federal Funding (\$1,000)

<b>Task</b>	<b>Year 3</b>	<b>Year 4<sup>1</sup></b>
Comprehensive Planning	50	1,100
In-Delta Storage	2,296	3,690
Shasta Lake Enlargement	2,575	2,746
Los Vaqueros Reservoir Expansion	3,100	7,550
North-of-the-Delta Offstream Storage	5,900	8,120
Upper San Joaquin River Basin Storage	2,215	1,965
<b>Total</b>	<b>16,136</b>	<b>25,171</b>

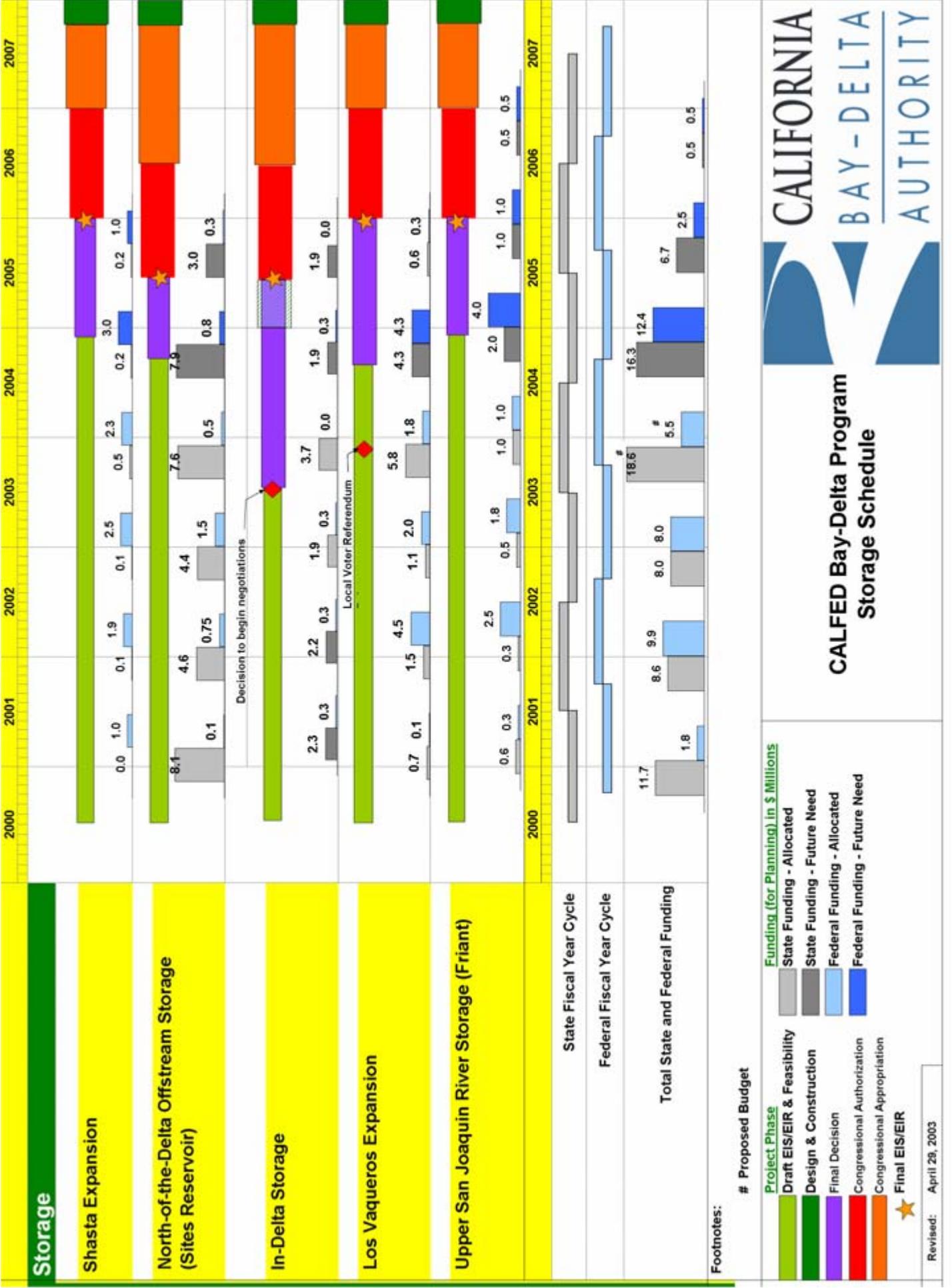
<sup>1</sup> Proposed budget

# CALFED Storage Program Groundwater Conjunctive Management

## Summary of Grant Amounts and Implementation Budget (\$1,000)

<b>Grants/Contracts</b>	<b>Year 3</b>	<b>Year 4</b>
Proposition 13	0	85,560
Proposition 50, Chapter 7	0	74,493
Proposition 50, Chapter 8	6,400	5,000
<b>Total</b>	<b>6,400</b>	<b>165,053</b>

<b>Implementation</b>	<b>Year 3</b>	<b>Year 4</b>
General Fund	1,100	0
Proposition 13	946	1,260
Proposition 50, Chapter 7	1,700	1,693
Proposition 50, Chapter 8	0	250
<b>Total</b>	<b>3,746</b>	<b>3,203</b>



**Storage**

**Shasta Expansion**

**North-of-the-Delta Offstream Storage (Sites Reservoir)**

**In-Delta Storage**

**Los Vaqueros Expansion**

**Upper San Joaquin River Storage (Friant)**

State Fiscal Year Cycle

Federal Fiscal Year Cycle

Total State and Federal Funding

Footnotes:

# Proposed Budget

Funding (for Planning) in \$ Millions

- █ Draft EIS/EIR & Feasibility
- █ Design & Construction
- █ Final Decision
- █ Congressional Authorization
- █ Congressional Appropriation
- ★ Final EIS/EIR
- █ State Funding - Allocated
- █ State Funding - Future Need
- █ Federal Funding - Allocated
- █ Federal Funding - Future Need



**CALFED Bay-Delta Program Storage Schedule**