

DELTA VISION

NEAR-TERM ACTIONS



PRESENTED BY

JERRY JOHNS
DEPARTMENT OF WATER RESOURCES
JANUARY 31, 2008

The Blue Ribbon Task Force recommended 7 Near-term Actions in their Delta Vision Report

- 1. Acquire floodplain easements
- 2. Consideration of inappropriate Delta use
- 3. Set levee standards
- 4. Develop emergency plans
- 5. Include sea level rise in plans
- 6. Pursue ecosystem revitalization projects
- 7. Improve water conveyance and storage

ACTION 1

Acquire floodplain easements

- Flood Protection Corridor Program
 - \$24 million for entire State
 - Proposals being evaluated
- Evaluating lands for habitat and fishery purposes
 - ERP, BDCP, OCAP
 - Delta Fish Mitigation Agreement
 - DRERIP models evaluation



ACTION 4

Develop emergency plans

Enhanced Delta Emergency Response

- Constructed new stockpile and transfer facilities
- Completed facility environmental documentation
- Emergency Operations Plan
- Developed pre-made breach & channel closure designs
- Improved coordination with Delta Protection Commission, US Army Corps of Engineers, and local emergency response groups



RIO VISTA FACILITY

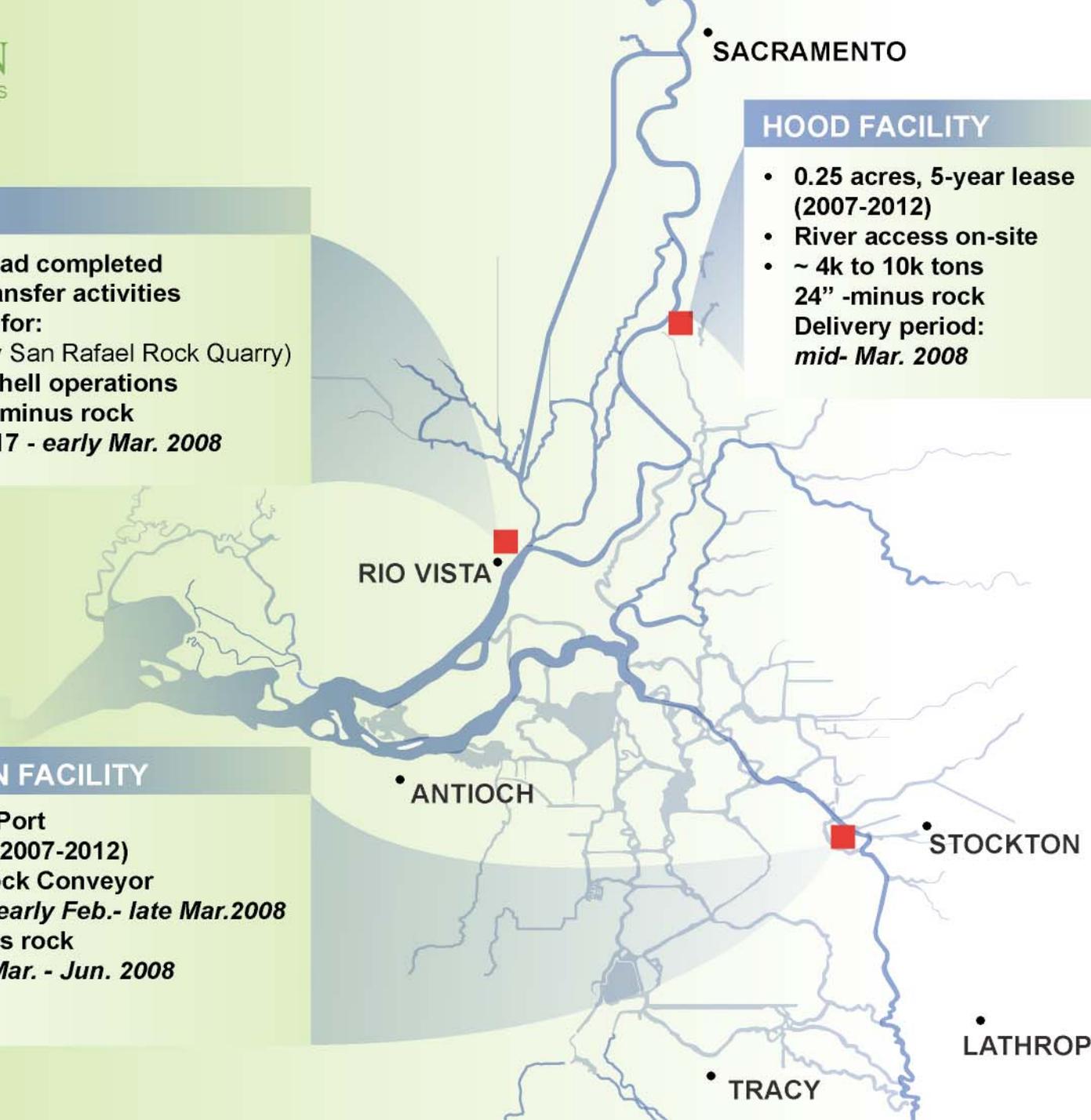
- All-weather access road completed to allow stockpile / transfer activities
- River access granted for:
 - Conveyor (owned by San Rafael Rock Quarry)
 - DWR Crane / Clamshell operations
- ~75k - 100k tons 24" -minus rock
Delivery period: Dec.17 - early Mar. 2008

HOOD FACILITY

- 0.25 acres, 5-year lease (2007-2012)
- River access on-site
- ~ 4k to 10k tons 24" -minus rock
Delivery period: mid- Mar. 2008

PORT OF STOCKTON FACILITY

- Security provided by Port
- 9 acres, 5-year lease (2007-2012)
- DWR owned Large Rock Conveyor
Construction period: early Feb.- late Mar.2008
- ~ 130k tons 24" -minus rock
Delivery period: late Mar. - Jun. 2008



ACTION 6

Pursue ecosystem revitalization projects



Meins Landing



Decker Island



**McCormack Winson-
Mokelumne/Cosumnes
Tidal Restoration**



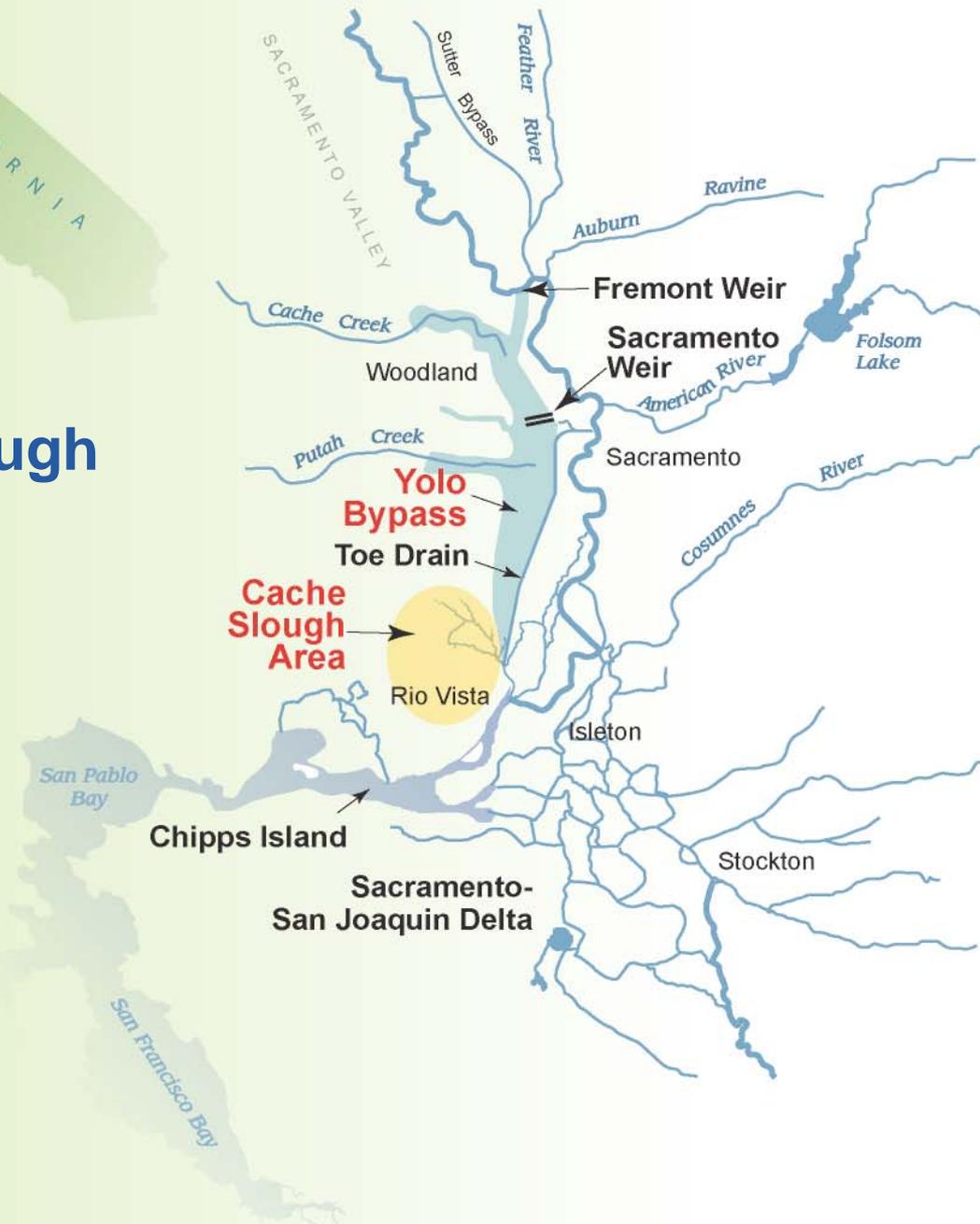
Dutch Slough



ACTION 6 CONTINUED

Yolo Bypass & Cache Slough

- Flood Control
- Ecology
 - Improve fish passage
 - Improve fish rearing
 - Reduce fish stranding
 - Stimulate food web



ACTION 6 CONTINUED

Yolo Bypass & Cache Slough

- Alter Fremont Weir for better fish passage & controlled inundation of Yolo Bypass
- Enhance flood plain along lower Putah Creek
- Enhance connectivity between Fremont Weir to Delta
- Expand floodplain of lower Bypass
- Increase lower Bypass tidal habitat
- Relocate North Bay Aqueduct intake

ACTION 6 CONTINUED

Yolo Bypass and Cache Slough progress

- Interagency planning
 - Delta Vision
 - BDCP
 - Delta Fish Agreement
- Stakeholder engagement
 - Yolo Bypass Working Group Subcommittee
 - Lower Bypass Planning Forum (DFG, spring 2008)
- Early implementation in Yolo Bypass
 - Interagency Work Group Five Point Proposal
 - DFG implementing 1st Point: Putah Creek

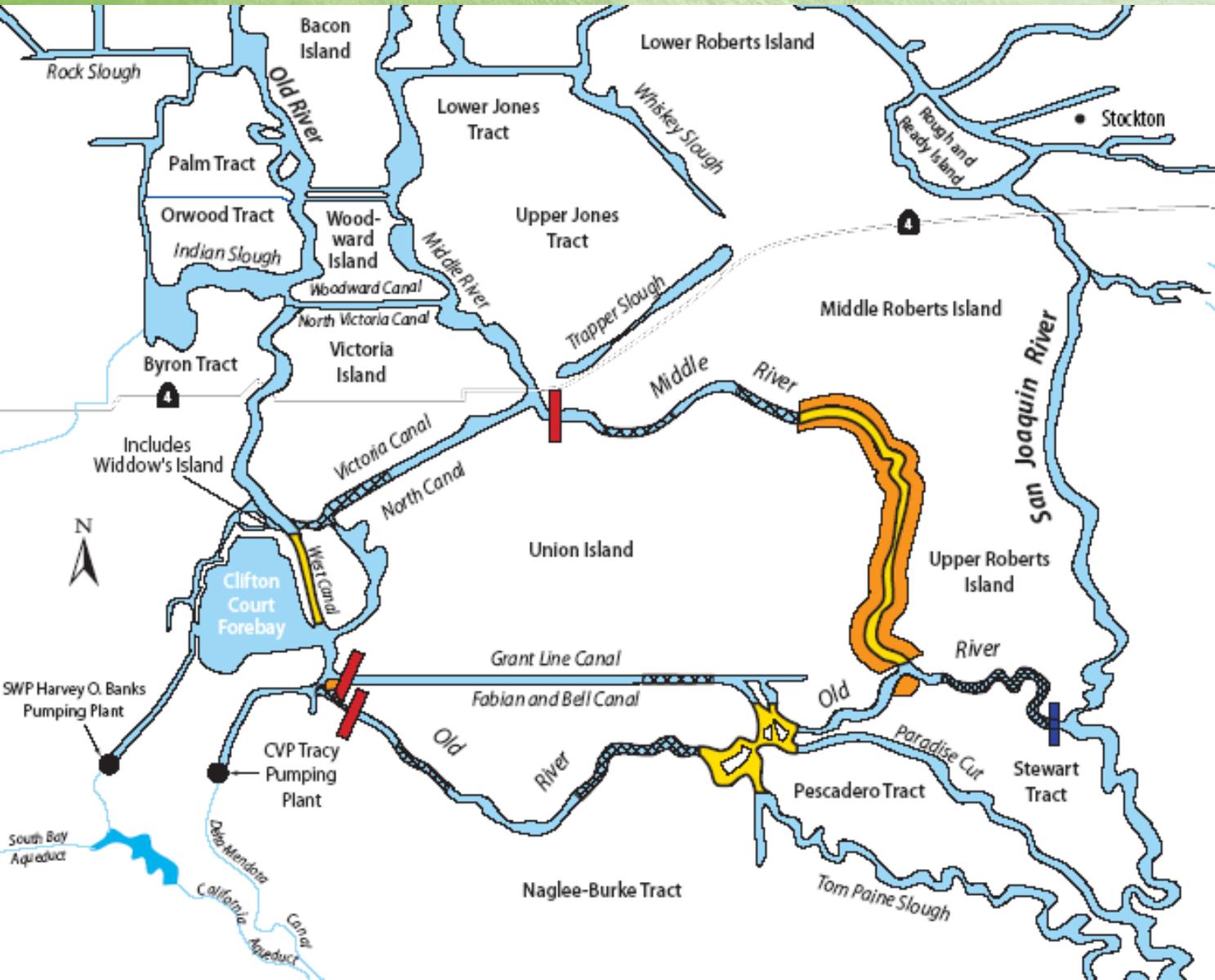
ACTION 7

Improve water conveyance & storage

- Interim projects
 - SDIP
 - Franks Track
- Investigating isolated conveyance & dual Delta conveyance through the BDCP process
 - NOI/ NOP – 1st quarter 2008
 - EIR/S scoping – 2nd quarter 2008
 - Draft plan – 4th quarter 2008
- Surface Storage Investigations

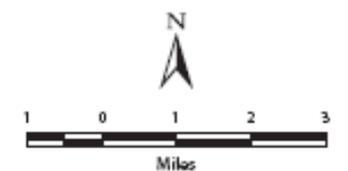


South Delta Improvements Program (SDIP)

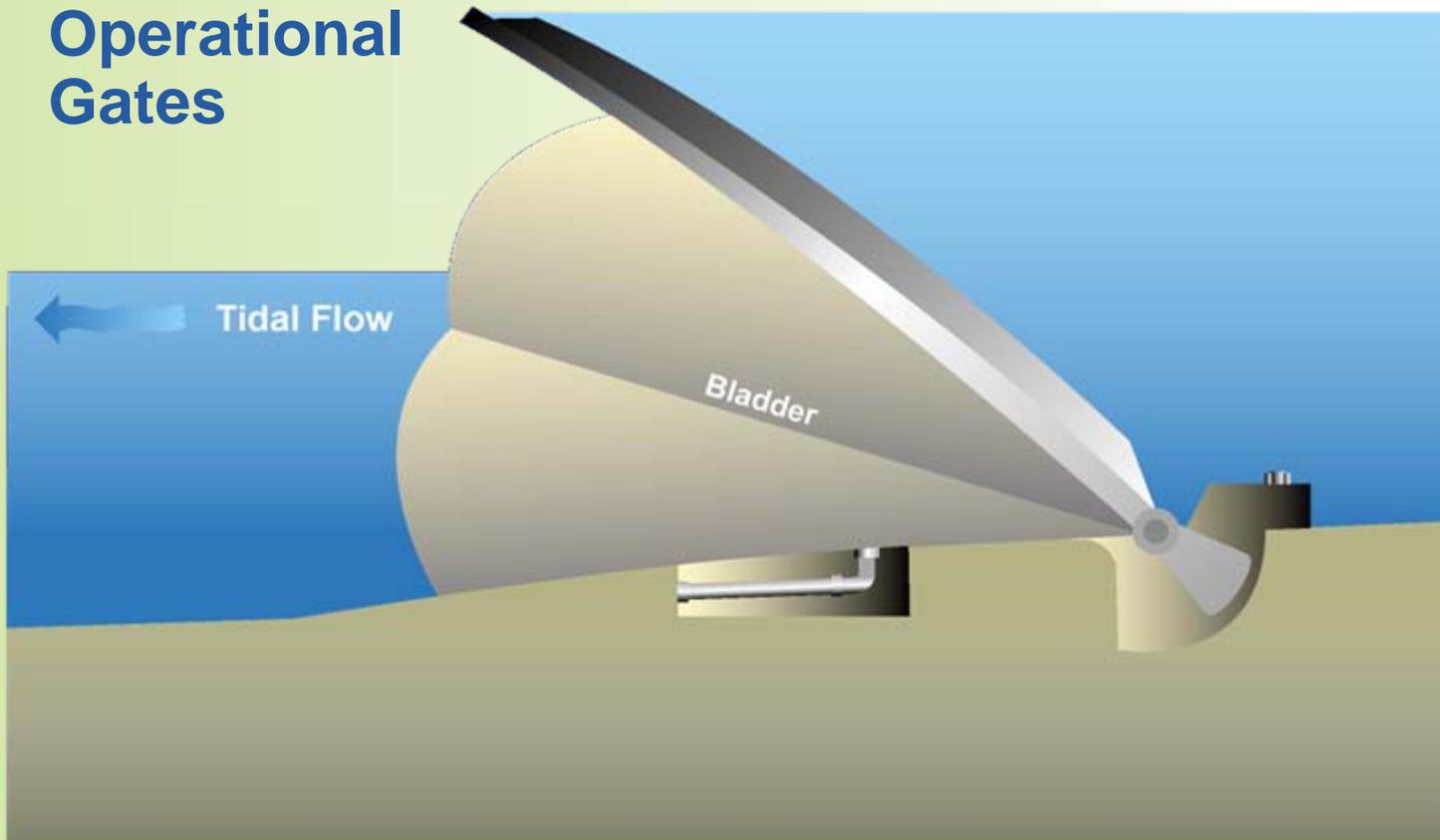


Key

- Flow control gate
- Fish control gate
- Conveyance dredging area
- Potential spoils ponds/runoff management basin locations (see Figure 2-8 for specifications)
- Minor spot dredging in approximately 24 locations within these areas



Operational Gates





Sacramento River

Three Mile Sl.

**OPERATIONAL GATES IN
THREE MILE SLOUGH**

**OPERABLE GATES IN
WEST FALSE RIVER**

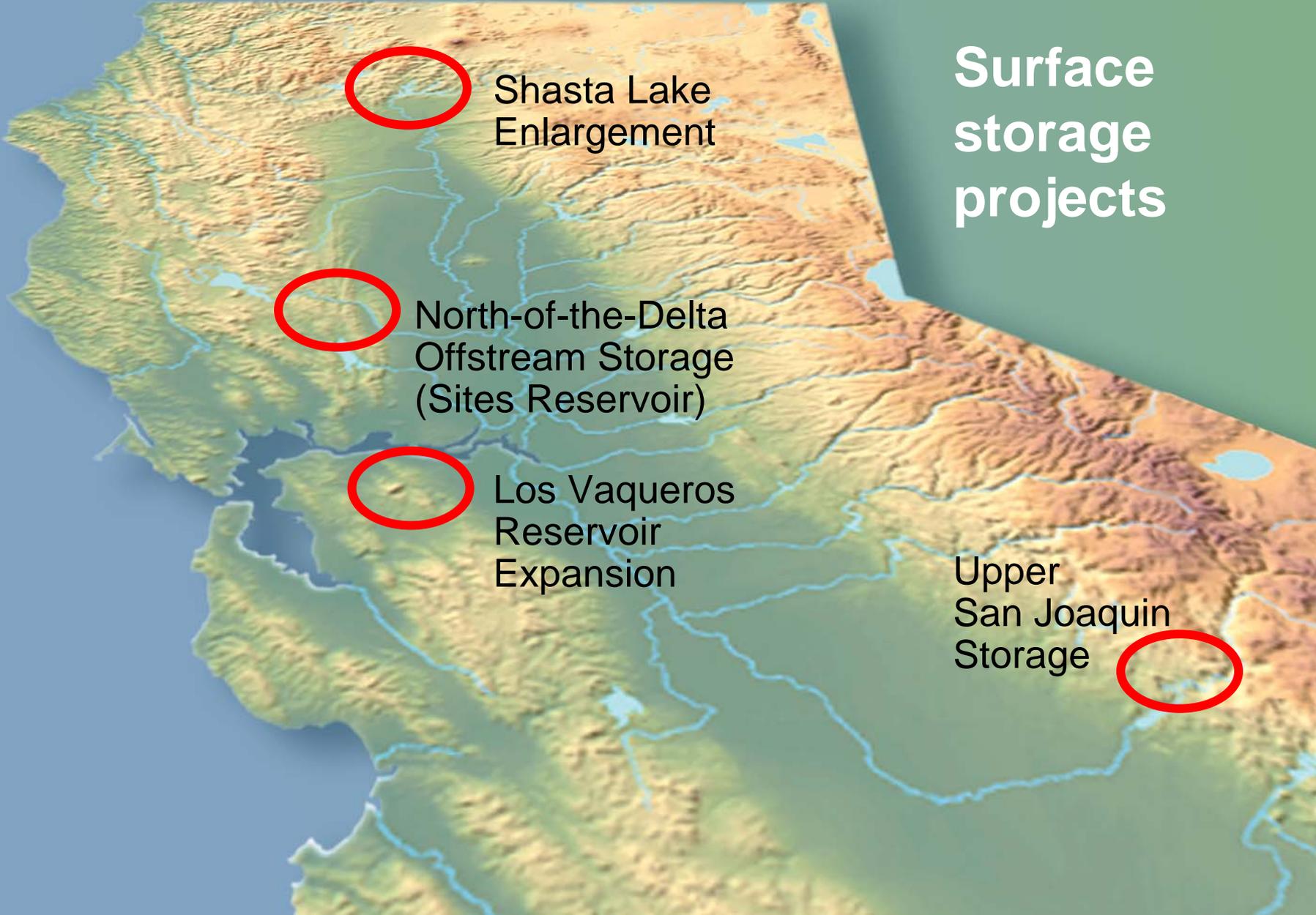
San Joaquin River

West False River

FRANKS TRACT

Old River

**Surface
storage
projects**

A topographic map of California with four red circles highlighting specific locations. Each circle is accompanied by a text label describing a surface storage project. The map shows the state's terrain with elevation changes and major river networks.

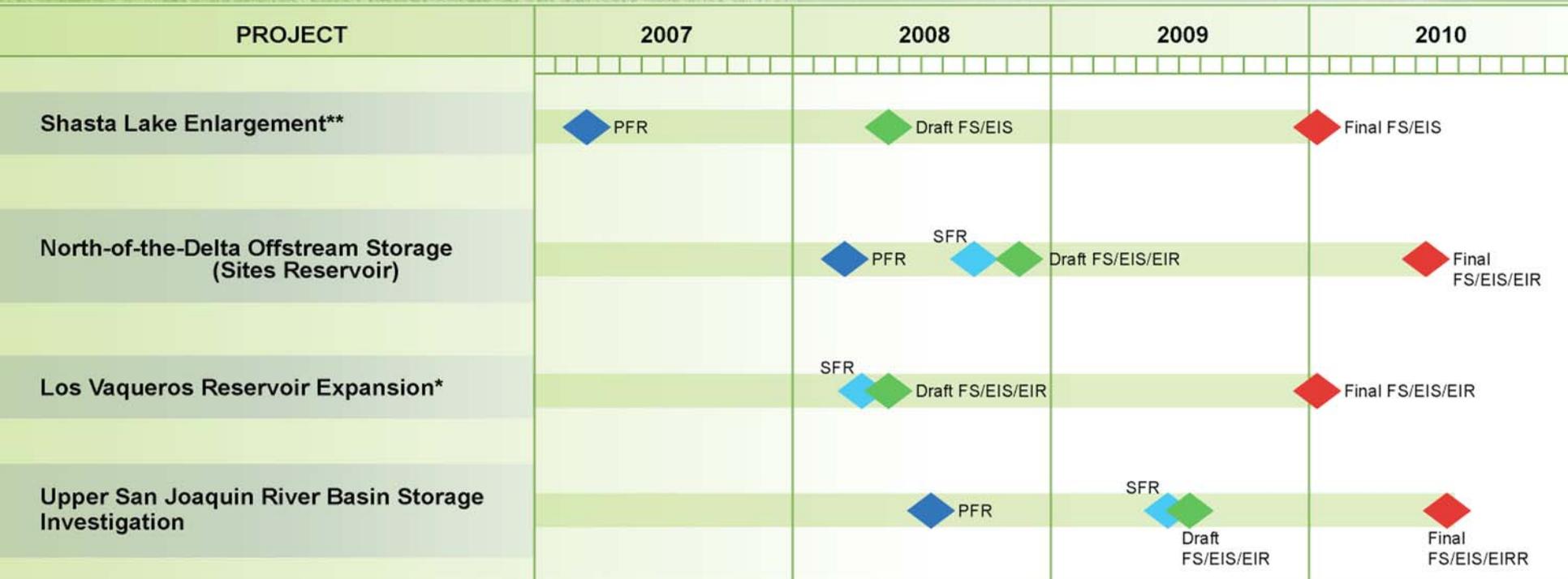
Shasta Lake
Enlargement

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

Los Vaqueros
Reservoir
Expansion

Upper
San Joaquin
Storage

Surface Storage Investigations planning schedule



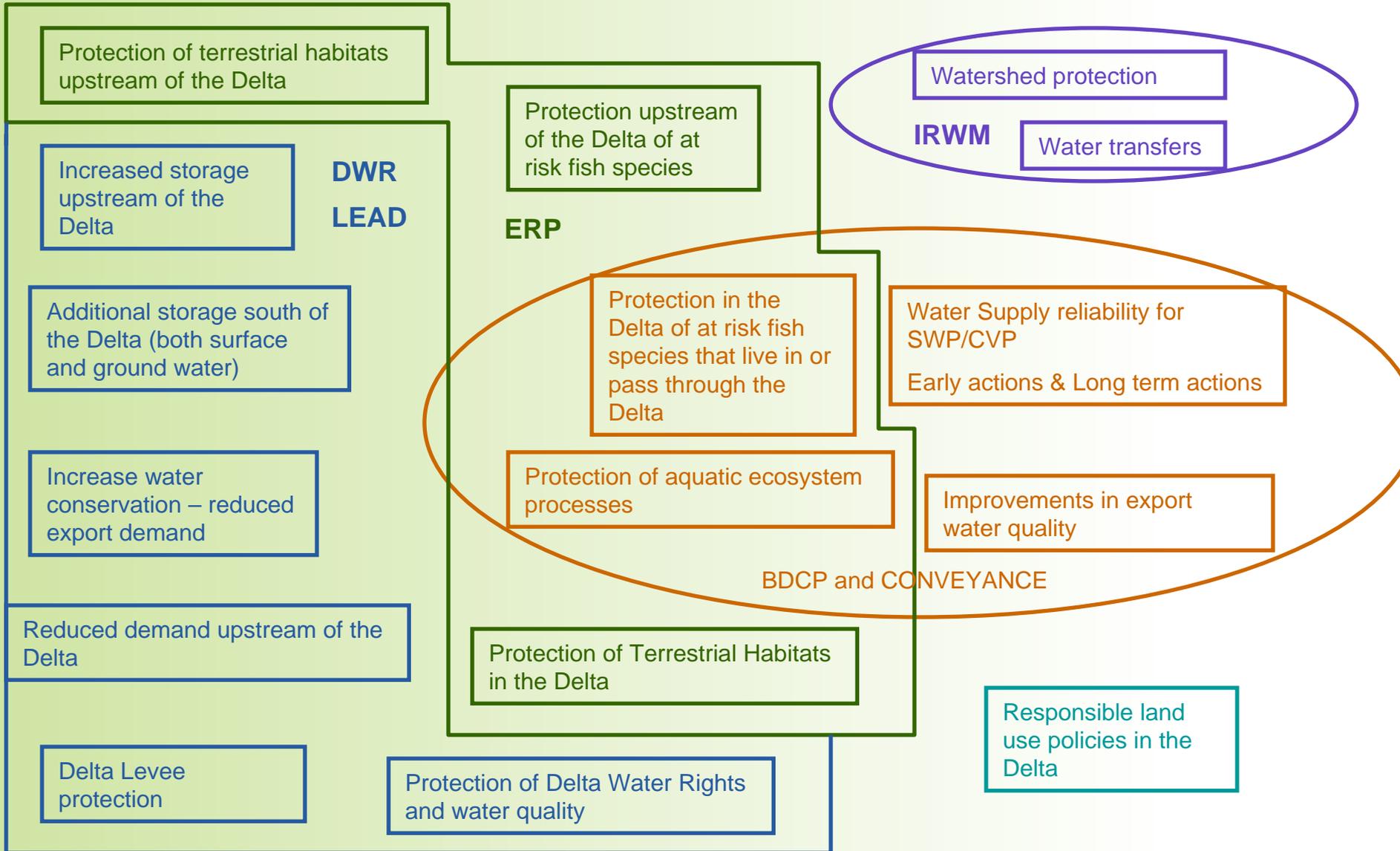
- ◆ Plan Formulation Report
- ◆ State Feasibility Study Report
- ◆ Draft Feasibility Study Report/EIS/EIR
- ◆ Final Feasibility Study Report/EIS/EIR

* An Initial Economic Evaluation for Plan Formulation (July 2006) was completed in lieu of a typical Plan Formulation Report.

** U.S. Bureau of Reclamation is preparing a federal feasibility study report and environmental impact statement for Shasta Enlargement.

Questions?

CALFED and Delta Vision issues



ACTION 2

Consideration of inappropriate Delta land use



- Delta Protection Commission
 - Has some land use authorities
 - Works with local agencies
 - Update Land Use & Resource Management Plan
 - Seek commission's guidance on need to modify scope of their land use authorities

ACTION 3

Set levee standards

- Design Standards exist
 - PL 84-99, Bulletin 192-83, FEMA, & Hazard Mitigation Plan
 - Standards are for overtopping & seepage, not for earthquake protection
- DWR recommends 200 year minimum protection for urban areas
- FloodSAFE
 - Strategic plan



ACTION 5

Include sea level rise in plans

- 2006 progress on incorporating Climate Change into management of California's water resources
- Included sea level rise in SDIP 2006 Final EIR (1 foot next 50 years)
- WDRR accounts for potential change in hydrology due to Climate Change
- Will be included in BO updates for OCAP & BDCP
- Developing criteria for use in planning and environmental documents by DWR