DELTA VISION

NEAR-TERM ACTIONS

PRESENTED BY

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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

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NEAR-TERM ACTIONS

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

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NEAR-TERM ACTIONS

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

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NEAR-TERM ACTIONS

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

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NEAR-TERM ACTIONS

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 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

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NEAR-TERM ACTIONS

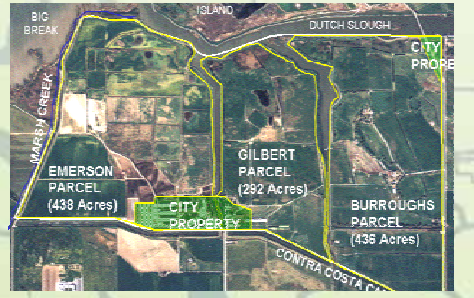
ACTION 6

Pursue ecosystem revitalization projects

Meins Landing

Decker Island

McCormack Winson-Mokelumne/Cosumnes Tidal Restoration



Dutch Slough

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NEAR-TERM ACTIONS

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

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ACTION 7

Improve water conveyance & storage

- 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

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Surface storage projects
Shasta Lake Enlargement
North-of-the-Delta Offstream Storage (Sites Reservoir)
Los Vaqueros Reservoir Expansion
Upper San Joaquin Storage

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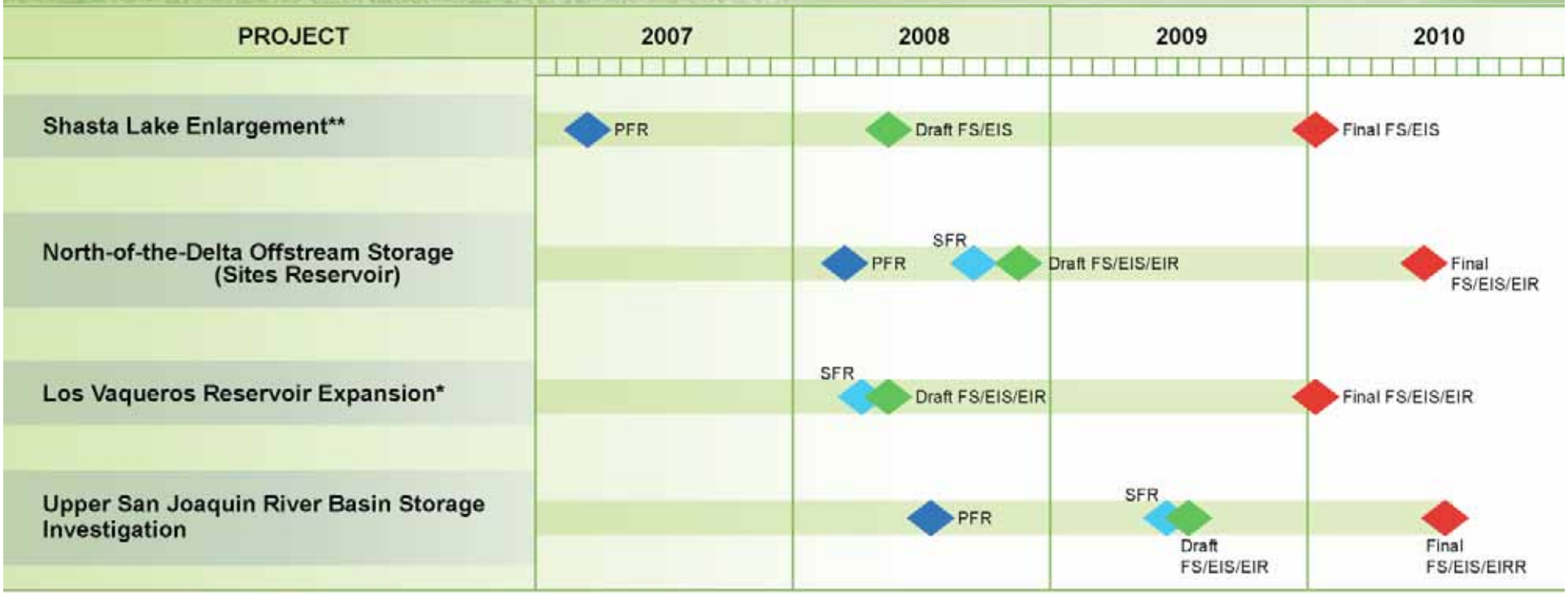
Surface Storage Investigations planning schedule



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

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CALFED and Delta Vision issues

Protection of terrestrial habitats upstream of the Delta

Protection upstream of the Delta of at risk fish species

ERP

Watershed protection

IRWM

Water transfers

Increased storage upstream of the Delta

DWR

LEAD

Additional storage south of the Delta (both surface and ground water)

Protection in the Delta of at risk fish species that live in or pass through the Delta

Water Supply reliability for SWP/CVP

Early actions & Long term actions

Increase water conservation – reduced export demand

Protection of aquatic ecosystem processes

Improvements in export water quality

BDCP and CONVEYANCE

Reduced demand upstream of the Delta

Protection of Terrestrial Habitats in the Delta

Responsible land use policies in the Delta

Delta Levee protection

Protection of Delta Water Rights and water quality

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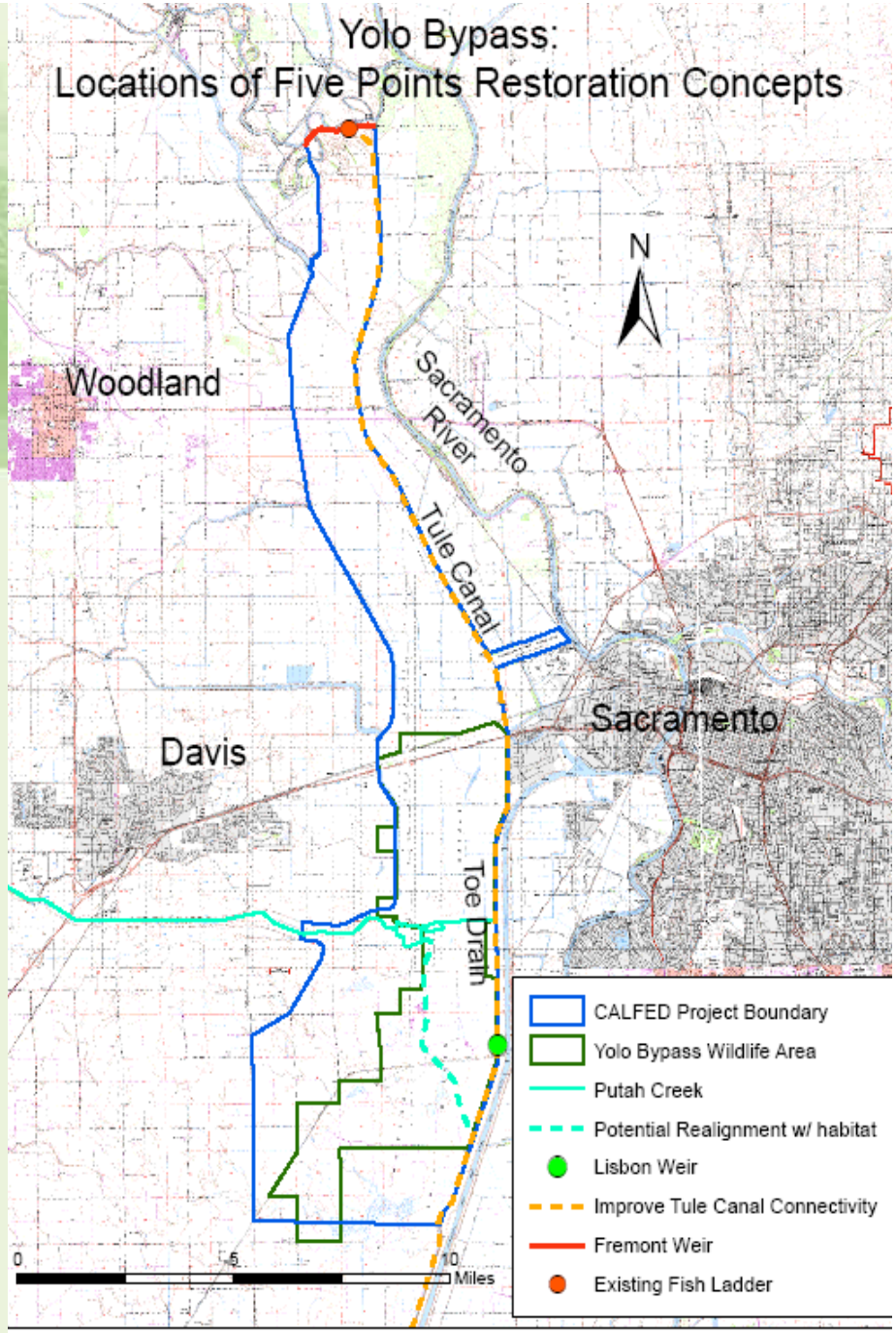
Five-point proposal

- Putah Creek
- Lisbon Weir
- Additional localized multi-species habitat
- Tule Canal connectivity
- Multi-species fish passage structure