

DRAFT
Example Stage 1 Implementation
(Approximately First 7 Years of Implementation)

Assurances

- Complete programmatic implementation plan (yr 1)
- Finalize contingency response process (yr 1)
- Establish forum for stakeholder involvement (yr 1)
- Establish coordination between agencies; or new agency (yr 1-3)
- Introduce state and/or federal legislation if necessary (yr 2)
- Complete conservation strategy for ESA (yr 2)
- Implement contingency response as needed (yr 1-7)
- Define interim operational assumptions (yr 1-3)

Finance

- Finalize cost share agreements (yr 1)
- Establish user fees (yr 1)
- Seek federal authorization/appropriation and authority to sell state bonds (yr 1-7)

Monitoring

- Complete monitoring plan including all elements of the Program (yr 1)
- Annual reports on status/progress (yr 1-7)
- Analysis of status and need for adjustments in stage 2 (yr 5)
- Feedback available on actual diversion effects of south Delta pumps (yr 2-7)
- Feedback available on need to reduce bromides (yr 5)

Water Transfer Framework

- Establish clearinghouse to ensure public participation and disclose information, performs analysis of transfer impacts, and evaluates monitoring of actual transfer impacts (yr 1)
- Establish technical, operational, and administrative rules that govern water transfer transactions (yr 1-2)
- Establish disclosure process that provides information regarding potential access to state and federal water facilities for movement of water transfers (yr 2)

- Introduce legislation necessary to modify water transfer law and statutes to allow above to occur (yr 2-3)

Water Use Efficiency

- Expand DWR and USBR programs to provide technical and planning assistance to local agencies (yr 1-7)
- Establish process to approve urban water management plans (yr 1-7)
- Implement AB 3616 process fully with endorsement of agency plans (yr 1-7)
- Implement urban MOU process fully with certification of agency implementation plans (yr 1-7)
- Implement conservation and reclamation demonstration projects

Levees

- Project level environmental documentation and permitting as needed (yr 1-7)
- Fund levee improvements up to PL84-99, approx. \$114 million in first stage (yr 1-7)
- Improve levees for 8 western Delta islands, approx. \$82 million in first stage (yr 1-7)
- Institute Emergency Management Plan (yr 1-7)
- Initiate Subsidence Control Grant Program to develop BMP's, approx. \$11 million (yr 1-7)
- Continue Delta seismic monitoring (yr 1-7)

Ecosystem Restoration

- Project level environmental documentation and permitting as needed (yr 1-7)
- Initiate high priority habitat restoration, fish protection structures, etc. at approximately \$__ million per year; e.g. _____ (yr 1-7)
- Begin ecosystem water purchases to avoid regulatory reallocation (yr 1-7)
- Continue scientific evaluations (yr 1-7)
- Conduct studies/design/environmental documentation for water development for environmental uses (yr 1-7)

Water Quality

- Project level environmental documentation and permitting as needed (yr 1-7)
- Initiate high priority water quality actions; e.g. for mercury, copper, selenium, pesticides (yr 1-7)
- Studies/testing/pilot evaluations (yr 1-7)

- Implementation of tested actions (yr 3-7)

Watershed Coordination

- Develop a coordination framework to ensure effective communication among state, federal, local government, and stakeholder groups (yr 1)
- Establish clearinghouse to assist watershed groups with information about funding opportunities, technical assistance, and project implementation (yr 1)
- Identify priority watersheds in terms of solutions to problems affecting the Bay-Delta estuary; e.g. continuous review and input to existing watershed inventories, databases (yr 2-7)
- Provide incentives to local level for select upper watershed projects; e.g., Pumas County, Placer County, El Dorado County (yr 2-7)

Conjunctive Use

- Identify local cooperating entities (yr 1)
- Baseline monitoring and modeling (yr 1-5)
- Field and pilot studies (yr 2-7); e.g. American Basin
- Project environmental documentation and permitting (yr 3-7)
- Designs (yr 4-7)
- Construct 2 to 3 facilities; e.g. expand Kern water bank, Madera Ranch (yr 5-7)
- Assistance for groundwater plan development (yr 1-7)

Storage

- Field and pilot studies (yr 1-5)
- Feasibility studies (yr 1-5)
- 404(b)(1) analyses; project site screening and least cost evaluations & equivalency analyses (yr 1-5)
- Site selection (yr 5-6)
- Evaluate improvements to Tehama Colusa Canal and others (yr 1-5)

Conveyance

South Delta Improvements

- Environmental documentation and permitting (yr 1-2)
- Initiate "joint point of diversion" operations for state/federal export facilities (yr 2)
- Design south Delta improvements (yr 2-3)
- Construct south Delta improvements [expand permitted south Delta permitted

- pumping capacity from 10,000 to 15,000 cfs] (yr 3-5)
- South Delta screening demonstration project (yr 2-6)
- Project environmental documentation and permitting for SWP/CVP intertie (yr 2-4)
- Design SWP/CVP intertie (yr 5-6)

North Delta Improvements

- Planning and field pilot studies (yr 1-5)
- Feasibility studies (yr 1-5)
- Project environmental documentation and permitting (yr 4-6)
- Design of select improvements (yr 7)
- Pilot studies for dredge material reuse (yr 1-7)

Isolated Facility

- Planning and field pilot studies (yr 1-6)
- Feasibility studies (yr 1-6)
- Environmental documentation for land acquisition (yr 1-2)
- Land acquisition for isolated facility (yr 3-5)
- Environmental documentation and permitting for isolated facility (yr 5-7)