

**Table 1 - Potential Near-Term Delta Plan Implementation Actions**

Type	Project Name	Description	Critical Need Addressed	References to Water Code Sections; Delta Plan Policies, Recommendations, and Sections	Sponsor	Potential Funding Source(s)
<b>Chapter 2: Governance and Science</b>						
Internal	Delta Plan Implementation	Establish and oversee an Interagency Delta Plan Implementation Committee (Water Code § 85205)	Coordinate interagency actions to achieve coequal goals	Water Code § 85205	DSC	DSC budget
Internal	Covered actions process	Implement the process to have State and local agencies determine whether their activities in the Delta constitute "covered actions" and whether their covered actions are consistent with the Delta Plan; ensure consistency of covered actions with the Delta Plan upon appeal	Ensure that actions taken within the Delta are consistent with the Delta Plan	Water Code § 85225 - 85225.30, inclusive	DSC	DSC budget
Internal	Delta Science Plan	Complete and implement a Delta Science Plan that incorporates the best available science and adaptive management	Provides a framework for conducting scientific review of actions taken to implement Delta Plan	G R1	DSC	DSC budget
Internal	Delta Plan Performance measures	Define and complete Delta performance measures	Provides a framework to organize and integrate ongoing scientific research, monitoring, and learning about the Delta as it changes over time.	"Performance Measures" - Delta Plan Pg. 49	DSC	DSC budget
Internal	Delta Plan additions	Review select plans prepared by State and local agencies; consider adopting all or parts into the Delta Plan; e.g. Delta Protection Council's Natural Resources Management Plan, Suisun Marsh Protection Plan, etc.	Supports adaptive management and provides a means of determining progress toward achieving the co-equal goals	Water Code § 85305, 85306, 85307, etc.	DSC	DSC budget
Internal	BDCP	Review and comment on the BDCP; consider adopting the BDCP into the Delta Plan	Comply with Water Code Section 85320 requirements for DSC actions re. the BDCP	Water Code Section 85320	DSC	DC budget
Internal	Coastal Zone Management Act (CZMA)	Prepare and submit a request to the federal government for CZMA approval of the Delta Plan	Comply with Water Code Section 85300(d) requirements for DSC actions re. the CZMA	Water Code Section 85300(d)	DSC	DSC budget
<b>Chapter 3: Water Supply Reliability</b>						
External	State Water Project (SWP) Improvements	Conduct a comprehensive reliability assessment of the SWP to identify necessary improvement projects; prioritize and implement projects to increase reliability, including addressing employee recruitment and retention issues that impede reliable operation of SWP facilities.	Improve the operational reliability of the State Water Project		DWR/SWP	SWP contractors
External	Improve Groundwater Management	DWR should Update Bull 118 (California Groundwater Plan. DWR should also develop a program to track and report efforts by water suppliers that receive water from the Delta to implement groundwater management plans, as well as efforts by all local and regional water agencies in critically overdrafted groundwater basins to develop and implement a sustainable groundwater management plan.	Improve the sustainability of California's groundwater supplies	WR R9, WR R10, WR R11	DWR	Prop 13, Sect 79151  (This is how past efforts were paid)
External	Expanded Water Supply Reliability Element for agricultural and urban water management plans (A&UWMPs)	DWR should develop an expanded reliability element for A&RWMPs submitted by water supplier that receive water from the Delta. In cooperation with DSC, the SWRCB and others, DWR should develop guidelines for completing the expanded water supply reliability element.	Improve the reliability and sustainability of the State's water supply by optimizing the efficient use of water	WR R4, WR R5	DWR	Prop 84, Sect 85026
External	Updated Water Use Efficiency Goals	In cooperation with DSC, SRWCB and others, DWR should develop un updated set of water efficeincy goals for all A&UWMPs	Improve the reliability and sustainability of the State's water supply by optimizing the efficient use of water	WR R6	DWR	Prop 84, Sect 85026
External	DWR review of A&UWMPs	In addition to noting which agencies have submitted their required agricultural and urban water management plans A&UWMPs A&UWMPs, DWR should review these plans, evaluate whether the the proposed actions will meet the performance measures and report on its findings	Improve the reliability and sustainability of the State's water supply by optimizing the efficient use of water	WR R4, WR R5	DWR	Prop 84, Sect 85026
Internal	DSC Participation in Calif. Water Plan Update	Work with other agencies (e.g. DWR, SWRCB, CDPH) and stakeholders on water use information and performance measures to be used in the 2013 Water Plan Update	Ensure that agricultural and urban water management plans (A&UWMPs) make measureable progress on meeting expanded requirements for water supply reliability; work with DWR to ensure they review and evaluate A&UWMPs	WR P1, WR R3, WR R4, WR R5, WR R6, WR R7,WR R9, WRR 17, WR R18	DSC	DSC budget
Internal	DSC Support for Improved Water Transfer procedures	Work with DWR, SWRCB, and stakeholders on ways to streamline water transfers	Water transfers are subject to numerous procedural and administrative impediments, which must be eliminated to improve flexibility of water use in California	WR R15	DSC	DSC budget
Internal	DSC Support for Near-term Water Storage, Conjunctive Use, Transfer and Efficiency Projects	Work with DWR, SWRCB and stakeholders to identify and implement feasible projects of the types listed	These types of projects are critical to improving the reliability of California's water supply, and need to be acted upon immediately.	WR R6, WR R14, WR R15	DSC	DSC budget

Chapter 4: Ecosystem Restoration							
External	Habitat Restoration Projects	Carry out individual habitat restoration projects in the 6 priority habitat restoration areas (i.e. Suisun Marsh, Dutch Slough, Lower San Joaquin River basin floodplain, Consumne-Mokelumne confluence, Yolo Bypass, Cache Creek Complex)	Projects in these areas present opportunities to make significant improvements in ecosystem restoration and recovery of endangered species	ER R1	CDFG, DWR, other agencies	CDFG, DWR, other agencies	
Internal	Landscape-scale Conceptual Models	Support and facilitate the development of landscape-scale conceptual models for ecosystem restoration in the 6 priority habitat restoration areas	Individual ecosystem restoration projects must be coordinated on a landscape scale to be effective. This requires development of landscape-scale models to provide a coordination framework	"Issues for Future Evaluation" - Delta Plan Pg. 154	DSC	DSC budget	
External	Revise Bay-Delta Water Quality Objectives for Flow	SWRCB is Revising the Water Quality Objectives for Flow to ensure Flows into and out of the Delta are protective of beneficial uses, including ecosystem protection and recreational and municipal uses.	Restore endangered species by providing sufficient flow in Delta	ER P1	SWRCB	SWRCB budget	
External	Manage Hatcheries to Reduce Genetic Risk, Implement Marking and Tagging Program	Calif. Dept. of Fish and Game (CDFG) should review the status of Hatchery and Genetic Management Plans for hatcheries within its jurisdiction annually. CDFG should also revise and begin implementing its program for marking and tagging hatchery salmon and steelhead.	Improve management of, and reduce risks to these species	ER R7, ER R8	CDFG	CDFG budget	
External	Delta Conservancy Strategic Plan	Delta Conservancy (DC) should implement the ecosystem restoration activities in its Strategic Plan, particularly the elements described in ER R2	Promote and coordinate habitat restoration efforts	ER P2	DC	DC budget	
External	Prevent and Manage Non-Native Species (NIS) Impacts	Prioritize and implement actions to control NIS in the Delta (e.g. increase scope of boat inspection programs)	Improve survival, health and distribution of native Delta wildlife and plant species	ER P5, ER R5, ER R6	CDFG	CDFG, boat license revenues	
Internal	Stressor workshops	Conduct workshops to effectively disseminate research on environmental stressors and develop measures to reduce stressor impacts on the Delta ecosystem.	Multiple environmental factors produce stress on species. The latest research on these "stressors" and how they interact will inform development of measures to reduce stressor impacts.	"Issues for Future Evaluation" - Delta Plan Pg. 154	DSC	DSC budget	
Chapter 5: Delta as a Place							
External	National Heritage Area (NHA) Designation	Delta Protection Commission (DPC) and the National Park Service (NPS) should seek designation of Delta as NHA	Increase public awareness and appreciation of the Delta's natural beauty and cultural heritage	DP R1	DPC, NPS	NPS budget	
Internal	Scenic Byway designation for Highway 160	CalTrans' should designate State Highway 160 as a Scenic Byway	Increase public awareness and appreciation of the Delta's natural beauty and cultural heritage	DP R2	CALTRANS	Federal Highway Administration	
External	Wildlife-Friendly Farming	CDFG, DC and other agencies should encourage habitat enhancement and wildlife-friendly farming systems on agricultural lands in the Delta	Support both agriculture and ecosystem recovery	DP R10	CDFG, DC	U.S. Farm Bill	
External	Delta Subsidence Reversal and Carbon Sequestration	Convert significant acreage on Sherman and Twitchell Islands to tule wetlands and rice production as a pilot study on subsidence reversal and carbon sequestration	Reversing subsidence in the Delta is critical to sustaining agriculture. These projects are experimenting with ways to reverse subsidence by modifying land use practices	DP R7	DWR	Prop 1E	
External	Re-open Brannan Island State Recreation Area	California State Parks (CSP) should repair park facilities and return it to full-service status	Encourage recreation and tourism in the Delta	DP R11	CSP	Prop 84, Sect 75063	
External	Nature-based recreation and environmental education	CDFG should pursue increasing opportunities for nature-based recreation and environmental education	Increase public awareness of Delta ecosystem functions and issues	DP R14	CDFG	Wildlife Conservation Board	
Chapter 6: Water Quality							
External	North Bay Aqueduct Alternative Intake Project	The North Bay Aqueduct (NBA) Alternate Intake Project (AIP) proposes an alternate intake for the NBA to draw water from the Sacramento River, and by a new pipeline segment, connect it to the existing NBA near North Bay Regional Water Treatment Plant in Fairfield.	The NBA intake is currently located in an area with very high concentrations of organic carbon, which makes it very difficult for water agencies to comply with drinking water standards for disinfection byproducts. The intake location is also in critical delta smelt habitat, and its operation is hampering recovery of this endangered species. Moving the intake would improve drinking water quality as well as promote delta smelt recovery.	WQ R5	DWR/SWP	SWP contractors	
External	Evaluate Wastewater Recycling	Reduce contaminant loads from wastewater sources in the Delta.	The Central Valley Regional Water Quality Control Board, should require responsible entities that discharge wastewater treatment plant effluent or urban runoff to Delta waters to evaluate whether all or a portion of the discharge can be recycled, otherwise used, or treated in order to reduce contaminant loads to the Delta by January 1, 2014.	WQ R10	SWRCB/RWQCB, local agencies	Local sources, Clean Water State Revolving Fund, USBR	
External	Adopt Critical Ambient Water Quality Regulation	SWRCB, CVRWQCB and/or SFBRWQCB should complete TMDL regulatory actions for nutrients and pesticides in the Delta	Improve water quality for Delta ecosystem restoration	WQ R8		Water Boards budgets	
Chapter 7: Manage Flood Risk							

External	Emergency Preparedness and Flood Response Program in the Delta	Study the feasibility of creating a regional agency to manage emergency preparedness, response, and recovery in the Delta. This agency would be responsible for managing funds for emergency preparedness, stock piling flood fight materials, response, and recovery; and the implementation of recommendations contained in the SB27 Delta Multi-Hazard Coordination Task Force report	Promote effective regional emergency preparedness and response in the Delta	RR R1	DPC	Props 1E and/or 84
External	Regional Assessment District for Levee Maintenance and Repair	Study the feasibility of creating a regional assessment district for managing Delta levee repairs and improvements	Provide additional funds for levee maintenance and improvements	RR R2	DPC	Props 1E and/or 84
External	Lower San Joaquin River Flood Bypass (reference March 2011 proposal to DWR from American Rivers)	Plan and acquire areas necessary to begin implementation of a flood bypass on the Lower San Joaquin River/Paradise Cut vicinity.	Address the reduction of flood stage in the urban and urbanizing areas of Staockton and Lathrop.	RR R4	American Rivers, DWR	Props 1E and/or 84
Internal	Levee improvement priorities	In cooperation with DWR, DPC and other stakeholders, develop an economic risk-based method for prioritizing State investments in Delta levee improvements.	Direct State investments in levee improvements to projects that will best achieve State interests; e.g. reducing risk to lives, property, and vital infrastructure	RR P1	DSC	Props 1E and/or 84
External	Priority Delta Levee Projects	Strengthen the levees along the current primary corridor for through-Delta conveyance of freshwater supply to the SWP and CVP intakes; strengthen levees to protect EBMUD's water supply aqueducts; convert CCWD's water supply canal into a flood proof pipeline.	Water supply reliability for EBMUD, CCWD and the SWP and CVP contractors.		EBMUD, CCWD, MWD	SWP/CVP contractors, EBMUD, Prop 1E
Internal	Public Utility Fee Assessments	Petition the California Public Utilities Commission (CPUC) to direct regulated utilities with infrastructure located in the Delta to pay a reasonable fee for flood protection benefits	Reduce damage to critical infrastructure located in the Delta	RR R3	DSC	DSC budget
<b>Chapter 8: Finance</b>						
Internal	Delta Finance Plan	Develop a Delta finance plan	Provide funding to support the co-equal goals		DSC	DSC budget



