

California Bay-Delta Restoration

LOCATION: San Francisco Bay/Sacramento-San Joaquin Delta in central California.

DESCRIPTION/JUSTIFICATION: The Bay-Delta system is critical to California's economy because the two rivers that flow into the Bay-Delta provide potable water for two-thirds of California's homes and businesses and irrigate more than seven million acres of farmland on which 45 percent of the nation's fruits and vegetables are grown. The Bay-Delta system also provides habitat for 750 plant and animal species, some listed as threatened or endangered. The Federal Central Valley Project and the State Water Project play a central, coordinated role in the water management of the Bay-Delta.

The CALFED Bay-Delta Program was established in May 1995 for the purpose of developing a comprehensive, long-term solution to the complex and interrelated problems in the Bay-Delta. The program's focus is on the health of the ecosystem and improving water management. In addition, this program addresses the issues of uncertain water supplies, aging levees, and threatened water quality. Lead CALFED agencies released the final Programmatic Environmental Impact Statement/Environmental Impact Report and Preferred Alternative on July 21, 2000, followed by the signing of the Record of Decision (ROD) on August 28, 2000, formally approving a long-term plan for restoring the Bay-Delta ecosystem and improving water management. Lacking specific CALFED authorizing legislation from FY 2001 through FY 2004, Congress provided funding under the Water and Related Resources appropriation within various programs of the Central Valley Project (CVP) for activities that support the goals of the CALFED Bay-Delta Program. A total of \$68 million was provided in FY 2001 through FY 2005.

A consortium of Federal and State agencies participate in the Program. Federal agencies include: U.S. Department of the Interior - Bureau of Reclamation, Bureau of Land Management, Fish and Wildlife Service, U.S. Geological Survey; U.S. Department of Agriculture - U.S. Forest Service, Natural Resources Conservation Service; U.S. Department of Commerce - NOAA Fisheries; the U.S. Army Corps of Engineers; Environmental Protection Agency; and the Western Area Power Administration. State agency involvement includes the California Resources Agency and Program tracking by the Bay-Delta Authority; and the participation of the Department of Water Resources, Department of Fish and Game, California Environmental Protection Agency, Department of Health Services, Department of Food and Agriculture, and the State Water Resources Control Board.

In FY 2005, Federal legislation was enacted to authorize \$389 million in Federal appropriations per P.L. 108-361, also titled the Calfed Bay-Delta Authorization Act. The Act was signed on October 25, 2004 and provides authorization for the period FY 2005 through FY 2010. The newly authorized activities in the legislation are as follows:

- \$184 million for Conveyance Program activities, including new feasibility studies, water purchases, and implementation authority.
- \$90 million for implementation of the Environmental Water Account.
- \$90 million for implementation of levee reconstruction activities in the Delta.
- \$25 million for oversight and coordination of the Program.

AUTHORIZATION: The Reclamation Act of 1902, as amended and supplemented, June 17, 1902; P.L. 89-561, Feasibility Studies, September 7, 1965; P.L. 96-375, Feasibility Studies, October 3, 1980; Reclamation Projects Authorization and Adjustments Act of 1992, Title XXXIV of P.L. 102-575, October 30, 1992; and P.L. 104-333, the Omnibus Parks and Public Lands Management Act of 1996, Title XI, California Bay-Delta Environmental Enhancement Act, November 12, 1996. P.L. 108-7, Consolidated Appropriations Resolution, 2003, February 20, 2003, P.L. 108-137, Energy & Water Development Appropriations Act, 2004, December 1, 2003, P.L. 108-361, Calfed Bay-Delta Authorization Act, October 25, 2004.

SUMMARIZED FINANCIAL DATA

Program Financial Data

Activity	FY 2005	FY 2006
Total Program	\$18,773,788	\$35,000,000
Prior Year Funds	(18,773,788)	0
Enacted/Request	\$0	\$35,000,000
Underfinancing	0	0
Total Reclamation Allotment	\$0	\$35,000,000

Shasta Enlargement Study

Investigation Costs: Initiation: FY 2002

Completion: FY 2008

	Total Estimated Cost	Total to 9/30/04	FY 2005	FY 2006	Balance to Complete
Reclamation ^{1/}	\$16,200,000	\$4,510,089	\$500,000	\$4,000,000	\$7,189,911
Non-Federal	1,620,000	620,000	0	200,000	800,000
Total	\$17,820,000	\$5,130,089	\$500,000	\$4,200,000	\$7,989,911

^{1/} Funds were provided in FY 2002 through FY 2005 within the Central Valley Project, Water and Related Resources appropriation.

San Joaquin River Basin Study

Investigation Costs: Initiation: FY 2002

Completion: FY 2009

	Total Estimated Cost	Total to 9/30/04	FY 2005	FY 2006	Balance to Complete
Reclamation ^{1/}	\$16,200,000	\$5,713,455	\$1,000,000	\$2,500,000	\$6,986,545
Non-Federal	5,190,000	1,590,000	400,000	1,600,000	1,600,000
Total	\$21,390,000	\$7,303,455	\$1,400,000	\$4,100,000	\$8,586,545

^{1/} Funds were provided in FY 2002 through FY 2005 within the Central Valley Project, Water and Related resources appropriation.

Los Vaqueros

Investigation Costs: Initiation: FY 2002 Completion: FY 2008

	Total Estimated Cost	Total to 9/30/04	FY 2005	FY 2006	Balance to Complete
Reclamation ^{1/}	\$16,250,000	\$7,308,170	\$1,000,000	\$3,200,000	\$4,741,830
Non-Federal	17,980,000	3,580,000	6,600,000	3,200,000	4,600,000
Total	\$34,230,000	\$10,888,170	\$7,600,000	\$6,400,000	\$9,341,830

^{1/} Funds were provided in FY 2002 through FY 2005 within the Central Valley Project, Water and Related Resources appropriation.

Sites Reservoir

Investigation Costs: Initiation: FY 2002 Completion: FY 2009

	Total Estimated Cost	Total to 9/30/04	FY 2005	FY 2006	Balance to Complete
Reclamation ^{1/}	\$7,528,802	\$2,728,802	\$1,000,000	\$300,000	\$3,500,000
Non-Federal	34,170,000	21,270,000	6,200,000	3,300,000	3,400,000
Total	\$41,698,802	\$23,998,802	\$7,200,000	\$3,600,000	\$6,900,000

^{1/} Funds were provided in FY 2002 through FY 2005 within the Central Valley Project, Water and Related Resources appropriation.

Funds are requested for implementation of priority activities included in the Calfed Bay-Delta Authorization Act, which is recommended by CALFED and approved by the Secretary of the Interior. At this time, the following funding priorities are anticipated for projects to be implemented in FY 2006.

PREFERRED PROGRAM ALTERNATIVE:

Environmental Water Account – Continues the cooperative management program whose purpose is to provide protection to the fish of the Bay-Delta Estuary through environmentally beneficial changes in the operations of the State Water Project and the CVP, at no uncompensated water cost to the projects’ water users. **\$10,000,000**

Storage Program - Continues feasibility investigations and environmental documentation on potential CALFED storage projects: Shasta Enlargement Study, San Joaquin River Basin Study, Sites Reservoir and Los Vaqueros. Planning studies will focus on formulation of alternatives and benefit/cost analysis. Based on current and expected funding levels, Plan Formulation Reports for studies are scheduled for completion in FY 2007. **10,000,000**

Conveyance - Begins feasibility studies for: (1) a new fish screen and intake facilities at Clifton Court Forebay and the Tracy Pumping Plant facilities, (2) increased capacity of the intertie between the State Water Project California Aqueduct and the Central Valley Project Delta Mendota Canal, (3) San Luis Reservoir Lowpoint improvement project, (4) actions at Franks Tract to improve water quality in the Delta, and (5) recirculation of export water to reduce salinity and improve dissolved oxygen in the San Joaquin River. **3,000,000**

Planning and Management Activities - Continues support for Reclamation’s administration of storage, conveyance, water use efficiency, environmental water account, ecosystem restoration, science and water transfer. Consistent with Public Law 108-361, activities will also include: (1) Program support, (2) Program-wide tracking of schedules, finances, and performance, (3) multi-agency oversight and coordination of Program activities to ensure Program balance and integration, (4) development of interagency cross-cut budgets and a comprehensive finance plan to allocate costs in accordance with the beneficiary pays provisions of the Record of Decision, (5) coordination of public outreach and involvement, including tribal, environmental justice, and public advisory activities in accordance with the Federal Advisory Committee Act (5 U.S.C. App.), and (6) development of Annual Reports. **4,000,000**

Water Use Efficiency (WUE) – Continue to meet the water conservation objectives contained in the CALFED ROD for the WUE program and will be provided to implement cost-sharing projects proposed by water districts, irrigation districts, resource conservation districts, and urban water agencies located in the CALFED solution area. **4,000,000**

Ecosystem Restoration - Continues the implementation of projects that improve and increase aquatic and terrestrial habitats and improve ecological functions in the Bay-Delta system to support sustainable populations of diverse and valuable plant and animal species. Projects could include habitat restoration actions, fish screen improvements, control of invasive species, and water quality improvement projects that contribute to the objectives of the CALFED’s Ecosystem Restoration Program. **4,000,000**

Reclamation Request **\$35,000,000**