

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 **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.

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; Environmental Protection Agency; U.S. Department of Agriculture - U.S. Forest Service, Natural Resources Conservation Service; U.S. Department of Commerce - National Marine Fisheries Service; the U.S. Army Corps of Engineers; and the Western Area Power Administration. State Agency involvement includes oversight by the California Resources Agency; and the participation of the State Department of Water Resources, Department of Fish and Game, California Environmental Protection Agency, Department of Food and Agriculture, and the State Water Resources Control Board.

The California Bay-Delta Environmental Enhancement Act (Bay-Delta Act) was enacted in late 1996, and authorized a total of \$430 million over 3 years (FY 1998 to FY 2000) for ecosystem restoration activities in the Bay-Delta region. This account was established in FY1998 to provide funding for Bay-Delta projects and activities administered by Reclamation and other participating Federal agencies, based on plans developed by **CALFED**. From FY 1998 to FY 2000 \$190 million was provided through this account to support ecosystem restoration, as well as \$30 million for other Bay-Delta activities.

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 on August 28, 2000, formally approving a long-term plan for restoring the Bay-Delta ecosystem and improving water management. Once the Record of Decision was signed, the State of California gained authority to spend an additional \$390 million for ecosystem restoration activities.

No funds were provided for this account in FY 2001, largely because the appropriations committees deferred to the authorizing committees to review the Program and develop any needed legislation. Authorization bills were introduced and were considered in the House and Senate, but not passed.

New authorizing legislation again failed to pass in FY 2002; therefore, no funding was recommended by the Congressional Conference Committee for the California Bay-Delta Restoration account. Funds in the amount of \$30 million were provided for previously authorized activities that support and further the goals of the overall California Bay-Delta Program in the Water and Related Resources account.

In FY 2003, again with failure to pass new authorizing legislation, no funding was recommended by the Congressional Conference Committee for the California Bay-Delta Restoration account. The conferees

provided an additional \$21 million within various units of the Central Valley Project under the Water and Related Resources appropriation account for activities that support the goals of the California Bay-Delta Restoration Program.

In FY 2004, again absent new authorizing legislation, the conferees provided \$9 million with the various units of the Central Valley Project under Water and Related Resources appropriation account for activities that support the goals of the California Bay-Delta Restoration Program.

Reclamation's FY 2005 budget contains funds for Bay-Delta activities that can be undertaken within existing statutory authorities, including \$15 million in this appropriation account.

These funds will enable the Department of the Interior to continue to partially meet commitments identified in the Record of Decision.

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.

SUMMARIZED FINANCIAL DATA

Program Financial Data

Activity	FY 2004 ^{1/}	FY 2005
Total Program	\$29,681,883	\$15,000,000
Prior Year Funds	(29,681,883)	0
Enacted/Request	\$0	\$15,000,000
Underfinancing	0	0
Total Reclamation Allotment	\$0	\$15,000,000

^{1/} \$9 million was provided in FY 2004 in the Central Valley Project to support the goals of the California Bay-Delta Restoration Project.

Shasta Enlargement Study

Investigation Costs: Initiation: FY 2002

Completion: FY 2007

	Total Estimated Cost	Total to 9/30/03	FY 2004 ^{1/}	FY 2005	Balance to Complete
Reclamation ^{2/}	\$15,400,000	\$3,777,112	\$750,000	\$500,000	\$10,372,888
Non-Federal ^{3/}	0	0	0	0	0
Total	\$15,400,000	\$3,777,112	\$750,000	\$500,000	\$10,372,888

^{1/} Underfinancing \$71,925.

^{2/} Funds were provided in FY 2002, FY 2003, and FY 2004 within the Central Valley Project.

^{3/} The cost-sharing requirement will be determined based on programmatic authorization when enacted.

San Joaquin River Basin Study

Investigation Costs: Initiation: FY 2002

Completion: FY 2008

	Total Estimated Cost	Total to 9/30/03	FY 2004 ^{1/}	FY 2005	Balance to Complete
Reclamation ^{2/}	\$14,750,000	\$4,401,700	\$1,500,000	\$500,000	\$8,348,300
Non-Federal ^{3/}	0	0	0	0	0
Total	\$14,750,000	\$4,401,700	\$1,500,000	\$500,000	\$8,348,300

^{1/} Underfinancing \$143,850.

^{2/} Funds were provided in FY 2002, FY 2003, and FY 2004 within the Central Valley Project.

^{3/} The cost-sharing requirement will be determined based on programmatic authorization when enacted.

Los Vaqueros

Investigation Costs: Initiation: FY 2002

Completion: FY 2007

	Total Estimated Cost	Total to 9/30/03 ^{1/}	FY 2004 ^{2/}	FY 2005	Balance to Complete
Reclamation ^{3/}	\$16,250,000	\$6,164,473	\$1,000,000	\$500,000	\$8,585,527
Non-Federal ^{4/}	0	0	0	0	0
Total	\$16,250,000	\$6,164,473	\$1,000,000	\$500,000	\$8,585,527

^{1/} Amount shown on FY 2004 justification was incorrect. The amount included figures that were for more than just Los Vaqueros.

^{2/} Underfinancing \$96,000.

^{3/} Funds were provided in FY 2002, FY 2003, and FY 2004 within the Central Valley Project.

^{4/} The cost-sharing requirement will be determined based on programmatic authorization when enacted.

Sites Reservoir

Investigation Costs: Initiation: FY 2002

Completion: FY 2006

	Total Estimated Cost	Total to 9/30/03	FY 2004 ^{1/}	FY 2005	Balance to Complete
Reclamation ^{2/}	\$3,500,000	\$1,588,863	\$1,250,000	\$500,000	\$161,137
Non-Federal ^{3/}	0	0	0	0	0
Total	\$3,500,000	\$1,588,863	\$1,250,000	\$500,000	\$161,137

^{1/} Underfinancing \$119,875.

^{2/} Funds were provided in FY 2002, FY 2003 and FY 2004 within the Central Valley Project.

^{3/} The cost-sharing requirement will be determined based on programmatic authorization when enacted.

Funds are requested for implementation of Stage 1 activities included in the preferred alternative, 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 2005.

PREFERRED PROGRAM ALTERNATIVE (Other such activities):

Environmental Water Account - Continues a 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 Central Valley Project, at no uncompensated water cost to the projects' water users. **8,000,000**

Storage Program - Continues feasibility investigations and environmental documentation on proposed CALFED storage projects: Shasta Enlargement Study, San Joaquin River Basin Study, Sites Reservoir, Los Vaqueros, and In Delta Storage. Increases to the total estimated cost are due to new feasibility authorization for Sites Reservoir, Los Vaqueros Reservoir Enlargement, and Upper San Joaquin Storage projects. Additional analysis is required to do full feasibility level analysis of costs, benefits, potential Federal interest and environmental compliance activities. Project completion is impacted due to delayed funding in FY 2003. **2,000,000**

Conveyance - Continues identifying and making physical improvements and operational changes assessing fishery conditions, and monitoring salvage operations at the Tracy Fish Collecting Facility per agreements with California Department of Fish and Game. **1,950,000**

Planning and Management Activities - Continues support for Reclamation's administration of storage, conveyance, water use efficiency, ecosystem restoration, science and water transfer. **1,500,000**

Water Use Efficiency - Continues water conservation technical assistance to area offices, the water conservation field services program, and operation of the water conservation center. **950,000**

Ecosystem Restoration - Continues measures to reduce and offset losses of fish resources associated with the operation of the Tracy Pumping Plant and Fish Collecting Facility as per the 1992 Agreement with California Department of Fish and Game. **\$600,000**

Reclamation Request **\$15,000,000**