

**Proposed Five Year Program
Activities and Cost Estimate (in \$ millions)**

	Estimated Cost (\$Million)						Total
	FY1998	FY 1999	FY 2000	FY 2001	FY 2002		
ECOSYSTEM QUALITY							
Habitat Aquisition and Restoration							
Purchase key properties and develop in partnerships for fish and wildlife habitat	47	18	12	8	8	93	
Refuge and Sacramento and San Joaquin meander belt expansion	8	10	11			29	
Develop or purchase wetlands in the Delta	7	12	10	8	8	45	
Delta and tributary levee modifications for the improvement of the environment (relating to habitat restoration and protection associated with Project and non-Project levees)	20	30	30	15	15	110	
Sacramento River habitat improvement	11	12	10			33	
Habitat development on Western Delta islands and aquatic habitat development on bare waterside levee banks	2	2	1			5	
Subsidence control analyses and levee seismic evaluations to protect habitat	3	5	5	4	3	20	
Restore aquatic habitats with beneficial reuse of dredge materials	3	6	6	6	6	27	
Watershed management for habitat enhancement	2	6	4	10	8	30	
Reconnaissance, feasibility, predesign, and environmental documentation for habitat restoration and new projects	3	4	6	5	3	21	
Fish Screening and Passage							
Fish ladders to improve fish passage at key locations	6	5	6	2	2	21	
Improve fish screening throughout the Bay-Delta system to reduce fish losses	10	12	23	26	24	95	
Reconnaissance, feasibility, predesign, and environmental documentation for fish passage/screening projects	1	2	2	2	2	9	
Program to isolate gravel pits along rivers that affect fish migration and to improve fish passage	2	4	2	2	2	12	
State cost-share of fish and wildlife restoration measures required by Section 3406 of CVPIA	37	9	11	15	21	93	

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Improve control of introduced species	2	2	2	2	2	10
Comprehensive monitoring of ecosystem health (Adaptive Management)	3	3	3	3	3	15
WATER QUALITY						
Conduct pilot program for watershed management for water quality improvement	10	10	10	12	13	55
Land conversion to help control water quality from drainage	5	5	5	10	10	35
Pilot program for underground detention of drainage	1	1	1			3
Real time water quality management	1	1	1	1	1	5
Pollutant source control to reduce toxics discharge to the ecosystem	11	25	25	15	14	90
Construct wetlands wastewater treatment for portions of existing discharges to the Estuary	12	13	10	5	5	45
LEEVE SYSTEM VULNERABILITY						
Delta levee improvements/habitat restoration and habitat protection	12	13	15	16	17	73
WATER SUPPLY RELIABILITY						
Technical planning and support to water districts for water use efficiency measures	1	1	1	1	1	5
Low interest loans for water use efficiency measures and groundwater recharge	10	10	16	14	10	60
Low interest loans/grants for water reclamation	7	13	12	12	10	54
Studies, designs, and environmental documentation for projects to increase water supply reliability and opportunities	3	6	10	16	12	47
Total	240	240	250	210	200	1140