

Grant Projects Database Report for The Ecosystem Restoration Program Element

<i>Project Title</i>	<i>CBDA Region</i>	<i>Calendar Year Funded</i>	<i>County</i>	<i>Grant Amount Awarded</i>	<i>Recipient</i>
Battle Creek - Interim Flow Restoration	Sacramento Valley	1995	Tehama	\$500,000	US Fish & Wildlife Service
Durham Mutual Fish Screen and Ladder Project	Sacramento Valley	1995	Butte	\$316,500	Durham Mutual Water Company
Implementing Programs to Reduce the Use of Pesticides and Fertilizers in Sacramento and San Joaquin Watersheds (Bios - Biological Integrated Orchard Systems)	San Joaquin Valley	1995	Merced, Stanislaus	\$660,000	Community Alliance with Family Farmers
Keswick Dam Sacramento River Gravel Placement Project	Sacramento Valley	1995	Shasta	\$45,000	California Department of Fish and Game
M&T/Parrott Pumping Station and Fish Screen Project-Relocation Construction	Sacramento Valley	1995	Butte	\$1,610,000	Duck's Unlimited
Microsatellite DNA for Management and Protection of Endangered Central Valley Chinook Salmon	Delta	1995	Sonoma	\$300,000	U.C. Davis Bodega Marine Laboratory
Parrot-Phelan Dam Fish Ladder and Screen	Sacramento Valley	1995	Butte	\$318,000	California Department of Fish and Game
Suisun Fish Screen Construction	Bay	1995	Solano	\$450,000	Suisun Resource Conservation District
Adams Dam Fish Screen & Ladder Feasibility Study	Sacramento Valley	1996	Butte	\$70,304	Ducks Unlimited
Applied Research to Identify Chinook Salmon Runs Via Genetics	Program Wide	1996	Multiple	\$450,000	CA Dept of Water Resources
Banta-Carbona Fish Screen Project - CANCELLED	Delta	1996	See 97-M07	\$100,000	Banta - Carbona Irrigation District
Battle Creek - Chinook Salmon & Steelhead Restoration Study	Sacramento Valley	1996	Shasta, Tehama	\$306,000	Willaim M. Keir Associates
Battle Creek Watershed Management Strategy Project - Chinook Salmon & Establish Watershed Conservancy	Sacramento Valley	1996	Shasta, Tehama	\$50,000	Western Shasta Resource Conservation District
Butte Creek - Watershed Management Strategy Plan	Sacramento Valley	1996	Butte, Colusa, Glenn, Sutter	\$83,000	California State University, Chico
Butte Creek Siphon & Associated Improvements	Sacramento Valley	1996	Butte	\$3,095,873	Western Canal Water District
Cosumnes River Preserve (Valensin Ranch Acquisition)	San Joaquin Valley	1996	Sacramento	\$1,500,000	The Nature Conservancy

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Gorrill Dam Fish Screen & Ladder	Sacramento Valley	1996	Butte	\$67,990	Ducks Unlimited
Innovative Fish Screen for Small Diversions Demonstration Project	Sacramento Valley	1996	Shasta, Tehama	\$90,000	Buell & Associates
Invasion of the Bay-Delta Estuary By Introduced Species-Introduction of Non-Indigenous Aquatic Species Research Program	Delta	1996	Multiple	\$197,000	San Francisco Estuary Institute
North Delta Area - Inventory of Rearing Habitat for Juvenile Salmon	Delta	1996	Solano	\$24,500	California State University, Sacramento
Princeton Pumping Plant Fish Screen (Phase 1-Feasibility Study)	Sacramento Valley	1996	Colusa	\$75,000	Reclamation District 1004
Princeton-Codora-Glenn Irrigation District and Provident Irrigation District Pumping Station and Fish Screen Project (Phase II: Construction)	Sacramento Valley	1996	Colusa, Glenn	\$5,500,000	Princeton-Codora-Glenn / Provident Irrigation Districts
Prospect Island - Develop Monitoring Plan	Delta	1996	Solano	\$35,000	California Department of Water Resources
Prospect Island - Shallow Water Habitat/Wetlands Restoration Plan	Delta	1996	Solano	\$2,500,000	United States Army Corps of Engineers
Research to Predict Evolution of Restored Diked Wetlands	Delta	1996	Solano	\$575,172	School of Fisheries, University of Washington
Riparian Habitat Restoration Verona-Collinsville (Phase 1-Feasibility Study)	Delta	1996	Contra Costa, Sacramento, Solano, Sutter, Yolo	\$500,000	Department of Water Resources
Sacramento River and Major Tributaries Corridor Mapping Project	Sacramento Valley	1996	Multiple	\$145,200	California State University, Chico's Geographical Information Center
Sacramento River Princeton-Codora-Glenn Irrigation District and Provident Irrigation District Fish Screen (Phase I: Feasibility Study/Engineering)	Sacramento Valley	1996	Colusa, Glenn	\$75,000	Princeton-Codora-Glenn / Provident Irrigation Districts
Sherman Island - Levee Habitat Demonstration Project - CANCELLED	Delta	1996	Sacramento	\$480,000	California Department of Water Resources Central District
Suisun Fish Screen Construction (Phase 2 - Install Additional Screens) - CANCELLED	Bay	1996	Solano	\$500,000	Suisun Resource Conservation District
The Effects of Toxics on Central Valley Chinook Salmon - CANCELLED	Program Wide	1996	Multiple	\$110,000	Fox Environmental Management
Wilkins Slough Fish Screen Project - Phase 2 Feasibility Study and Preliminary Design	Sacramento Valley	1996	Yolo, Colusa	\$100,000	Reclamation District 108
Yolo Bypass Habitat Restoration Study	Delta	1996	Yolo	\$226,000	California Dept of Water Resources

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Yuba River Fish Screen Replacement	Sacramento Valley	1996	Yuba	\$114,750	Browns Valley Irrigation District
Acquisition and Restoration of Refuge Lands (San Joaquin River National Wildlife Refuge)	San Joaquin Valley	1997	Merced	\$10,827,000	US Fish & Wildlife Service
Adams Dam Fish Ladder and Screen Construction	Sacramento Valley	1997	Butte	\$217,000	Ducks Unlimited, Inc.
Assessment and Implementation of Urban Use Reduction of Diazion and Chlorpyrifos (Sacramento County)	Delta	1997	Sacramento	\$663,500	Sacramento Area Stormwater Permittees
Assessment of Organic Matter in the Habitat and its Relationship to the Food Chain	Program Wide	1997	Multiple	\$1,440,649	US Geological Survey
Banta-Carbona Irrigation District Fish Screen Project	Delta	1997	San Joaquin	\$938,875	Banta-Carbona Irrigation District
Battle Creek Screens and Fish Passage	Sacramento Valley	1997	Shasta, Tehama	\$395,000	California Department of Water Resources
Bay Point Shoreline Restoration Plan	Bay	1997	Contra Costa	\$185,000	East Bay Regional Park District
Bear Creek Floodplain Restoration Demonstration Project (San Luis National Wildlife Refuge)	San Joaquin Valley	1997	Merced	\$334,000	US Fish & Wildlife Service (San Luis National Wildlife Refuge Complex)
Big Chico Creek Watershed Management Plan	Sacramento Valley	1997	Butte	\$422,830	Big Chico Creek Watershed Alliance
Butte Creek Acquisition and Riparian Restoration	Sacramento Valley	1997	Butte	\$187,128	CSU Chico Research Foundation
Cosumnes Start-up Stewardship and Restoration	Delta	1997	Sacramento	\$1,985,100	The Nature Conservancy
Cottonwood Creek Channel Restoration Planning	Sacramento Valley	1997	Shasta, Tehama	\$61,000	Graham Matthews & Associates
Cullinan Ranch Restoration	Bay	1997	Solano	\$368,500	Ducks Unlimited, Inc.
Deer Creek Watershed Management/Implementation Program	Sacramento Valley	1997	Tehama	\$196,554	Deer Creek Watershed Conservancy and CSUC
Developing a Genetic Baseline for San Joaquin Salmon	San Joaquin Valley	1997	Multiple	\$387,003	CA Dept of Fish & Game
Effects of Wetlands Restoration on Methyl Mercury Levels	Delta	1997	Multiple	\$546,171	University of California, Davis
Evaluation of Alternative Pesticide Use Reduction Practices	Program Wide	1997	Multiple	\$1,113,781	UC Davis
Franks Tract Restoration	Delta	1997	Solano	\$323,186	Moffat and Nichol Engineers
Gorrill Dam Fish Screen and Ladder Project	Sacramento Valley	1997	Butte	\$369,641	Ducks Unlimited

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Gravel Replacement at Basso Bridge	San Joaquin Valley	1997	Tuolumne	\$250,975	CA Dept of Fish & Game
Hastings Tract Fish Screen (Phase I - Feasibility Study)	Delta	1997	Solano	\$27,000	Hastings Island Land Company
Implementing Programs to Reduce the Use of Pesticides and Fertilizers in Sacramento and San Joaquin Watersheds	Program Wide	1997	Multiple	\$1,680,631	Community Alliance with Family Farmers
In-Channel Island Restoration/Demonstration (Phase 1 - Permitting and Design)	Delta	1997	San Joaquin	\$270,270	Association of Bay Area Governments
Jepson Prairie Restoration and Conservation Plan	Delta	1997	Solano	\$244,801	Solano County Farmlands Open Space Foundation
Knights Ferry Gravel Replenishment	San Joaquin Valley	1997	Stanislaus	\$536,410	Carl Mesick Consultants
Liberty Island Acquisition	Delta	1997	Solano, Yolo	\$8,926,000	US Fish & Wildlife Service
Lower Mill Creek Riparian Restoration (Phase II)	Sacramento Valley	1997	Tehama	\$69,000	Mill Creek Conservancy, The Nature Conservancy
Monitoring of Delta Contaminants	Delta	1997	Multiple	\$100,000	San Francisco Baykeeper
Preventing Exotic Introductions from Ballast Water	Bay	1997	Multiple	\$222,830	Sea Grant Extension Program, University of California, Davis
Princeton Fish Screen Construction	Sacramento Valley	1997	Colusa	\$1,750,000	Reclamation District 1004
Restoration Planning (Middle and North Fork American River, Auburn Ravine, Coon Creek)	Sacramento Valley	1997	Placer	\$222,530	Placer County
Role of Contaminants in the Decline of Delta Smelt in the Sacramento-San Joaquin Estuary.	Delta	1997	Multiple	\$437,326	University of California, Davis, Bodega Marine Laboratory
Sacramento River Floodplain Acquisition - Natural Process Restoration	Sacramento Valley	1997	Multiple	\$9,879,800	Wildlife Conservation Board, US Fish and Wildlife Service, The Nature Conservancy
Sacramento River Floodplain Acquisition - Riparian Forest Restoration	Sacramento Valley	1997	Tehama	\$780,000	Wildlife Conservation Board, US Fish and Wildlife Service, The Nature Conservancy
Sacramento River Floodplain Acquisition and Riparian Restoration	Sacramento Valley	1997	Glenn	\$512,500	Wildlife Conservation Board
Sacramento River Meander Restoration	Sacramento Valley	1997	Glenn	\$898,700	The Nature Conservancy
Saeltzer Dam Fish Passage	Sacramento Valley	1997	Shasta	\$238,200	Townsend Flat Water Ditch Company

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San Joaquin River Real-Time Water Quality Management Program	San Joaquin Valley	1997	Merced, San Joaquin, Stanislaus	\$931,857	California Department of Water Resources, San Joaquin District
Sedimentation Movement and Availability and Monitoring in the Delta	Delta	1997	Multiple	\$1,047,010	United States Geological Survey
Selected Fish Screens on Sacramento River and Tributaries	Sacramento Valley	1997	Shasta	\$374,850	California Dept of Fish & Game
Stanilaus River Chinook Salmon Habitat Restoration Actions, Williams Site - CANCELLED	San Joaquin Valley	1997	Stanislaus	\$1,037,899	California Department of Water Resources / California Department of Fish and Game
Suisun Marsh Fish Screens - CANCELLED	Sacramento Valley	1997	Shasta, Tehama	\$2,784,600	Unknown
Tolay Creek Restoration	Bay	1997	Solano	\$283,000	Ducks Unlimited, Inc.
Tuolumne River Channel Restoration (Pool 9)	San Joaquin Valley	1997	Stanislaus	\$2,353,100	Turlock Irrigation District
Tuolumne River Setback Levees and Channel/Mining Reach Restoration (7/11 Segment)	San Joaquin Valley	1997	Stanislaus	\$2,801,000	Turlock Irrigation District
Tyler Island Levee Protection and Habitat Restoration Pilot Project	Delta	1997	Sacramento	\$885,202	Habitat Assessment & Restoration Team, Inc
Watershed Improvements/Sediment Stabilization (Deer, Mill, Antelope Creeks)	Sacramento Valley	1997	Tehama	\$371,000	United States National Forest Service (Lassen National Forest)
Watershed Management Planning for Sacramento River Riparian Program	Sacramento Valley	1997	Multiple	\$200,000	California Department of Water Resources, Northern District
Wilkins Slough Pumping Plant Fish Screen Project	Sacramento Valley	1997	Colusa	\$2,500,000	Reclamation District 108
Wilson Ranch Fish Screen Project - CANCELLED	Sacramento Valley	1997	Butte, Glenn	\$200,000	Deseret Farms of California
Adult Fall-Run Chinook Salmon Movement in the Lower San Joaquin River and South Delta	Delta	1998	San Joaquin	\$285,000	Callifornia Department of Fish and Game, Bay-Delta and Special Water Projects Division
Algae Toxicity Study	Delta	1998	Multiple	\$500,000	Central Valley Regional Water Quality Control Board
Alhambra Creek Watershed Coordinated Resource Management and Planning Program	Bay	1998	Contra Costa	\$138,500	Contra Costa Resource Conservation District
American Basin Fish Screen and Habitat Improvement Project	Sacramento Valley	1998	Sacramento, Sutter	\$200,000	Natomas Mutual Water Company

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American River (North and Middle Forks) Integrated Watershed Stewardship Strategy	Sacramento Valley	1998	Placer	\$220,750	Placer County Resource Conservation District
Anadromous Fish Passage at Clough Dam on Mill Creek	Sacramento Valley	1998	Tehama	\$1,215,000	California Department of Water Resources
Anderson-Cottonwood Irrigation District Fish Passage	Sacramento Valley	1998	Shasta	\$325,000	Anderson-Cottonwood Irrigation District
Anderson-Cottonwood Irrigation District Fish Passage and Fish Screen Improvement Project (Phase II - Final Design)	Sacramento Valley	1998	Shasta	\$860,000	Anderson-Cottonwood Irrigation District
Bacterial Treatment of Selenium in the Panoche Drainage	San Joaquin Valley	1998	Multiple	\$1,149,000	University of California, Berkeley
Basso Bridge and Merced River Ranch Land Acquisition	San Joaquin Valley	1998	Tuolumne	\$830,500	California Department of Fish & Game, Resources Agency
Battle Creek Screens and Fish Passage	Sacramento Valley	1998	Shasta, Tehama	\$395,000	Department of Water Resources
Battle Creek Watershed Stewardship	Sacramento Valley	1998	Shasta, Tehama	\$145,000	Battle Creek Watershed Conservancy
Bay-Delta Environmental Restoration Education Program	Program Wide	1998	Multiple	\$40,000	Water Education Foundation
Benicia Waterfront Marsh Restoration - Phase I	Bay	1998	Solano	\$59,000	City of Benicia
Biological Assessment of Green Sturgeon in the Sacramento-San Joaquin Watershed	Program Wide	1998	Multiple	\$241,000	University of California, Davis
Biological Restoration and Monitoring in the Suisun Marsh/North San Francisco Bay Ecological Zone	Bay	1998	Multiple	\$772,667	California State University, Hayward - Biological Science
Boeger Family Farm Fish Screen (Phase II - Construction)	Sacramento Valley	1998	Colusa	\$139,500	Boeger Family Farms
Boeger Family Farm Screen - Feasibility Study Phase I	Sacramento Valley	1998	Colusa	\$15,000	Boeger Family Farms
Butte Creek Acquisition and Riparian Restoration	Sacramento Valley	1998	Butte	\$125,000	California State University, Chico - Department of Geography and Planning
Butte Creek Riparian Restoration Demonstration	Sacramento Valley	1998	Butte	\$76,348	California State University Chico
Butte Creek Watershed Restoration Implementation	Sacramento Valley	1998	Butte	\$302,867	California State University, Chico - Chico Research Foundation Watershed Projects Office
Cache Slough Habitat Enhancement	Delta	1998	Solano	\$85,000	Reclamation District 2060

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City of Sacramento Fish Screen Replacement Project (Phase II - Design)	Sacramento Valley	1998	Sacramento	\$654,500	City of Sacramento
Cold Water Fisheries and Water Quality Element for the State of the Santa Clara Basin Report	Bay	1998	Santa Clara	\$200,000	City of San Jose, Environmental Services Department
Comprehensive Monitoring Assessment and Research Program - CMARP	Program Wide	1998	Multiple	\$800,000	California Department of Water Resources
Conduct/Facilitate Meetings on the Upper Yuba River; Engelbright Dam	Sacramento Valley	1998	Nevada	\$7,333	United States Fish & Wildlife Service
Cosumnes Floodplain Acquisition and Restoration	Sacramento Valley	1998	Sacramento	\$3,500,000	The Nature Conservancy
Cosumnes River Acquisition, Restoration Planning and Demonstration	Delta	1998	Multiple	\$750,000	The Nature Conservancy
Cosumnes River Salmonid Barrier Program	Delta	1998	Sacramento	\$188,255	Fishery Foundation of California
Cottonwood Creek Watershed Group Formation	Sacramento Valley	1998	Shasta, Tehama	\$161,000	Cottonwood Creek Watershed Group
Culture of Delta Smelt	Delta	1998	Multiple	\$194,870	University of California, Davis, Department of Animal Science
Deer and Mill Creeks Acquisition and Enhancement	Sacramento Valley	1998	Tehama	\$1,000,000	The Nature Conservancy
Delta Dredging and Reuse Strategy	Delta	1998	Multiple	\$200,000	State Water Resources Control Board
Delta Dredging and Reuse Strategy	Delta	1998	Multiple	\$276,000	California Department of Fish and Game
Delta Dredging and Reuse Strategy	Delta	1998	Multiple	\$24,000	Delta Protection Commission
Developing a Methodology to Accurately Simulate Entrainment of Fish (Pump Barge Study)	Delta	1998	Multiple	\$200,000	CA Dept of Fish & Game
Discover the Flyway	Delta	1998	Multiple	\$49,000	Yolo Basin Foundation
DWR HAZMAT Review for ERP Land Acquisitions	Bay	1998	Multiple	\$24,000	California Department of Water Resources
Environmental Agriculture Conferences and Field Tours	San Joaquin Valley	1998	Multiple	\$28,000	The Committee for Sustainable Agriculture
Evaluation of Selenium Sources, Levels, and Consequences in the Delta	Delta	1998	Multiple	\$1,627,117	US Geological Survey
Evaluation of Tagging Data	Program Wide	1998	Multiple	\$697,632	Northwest Marine Technology Inc

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Expanding California Salmon Habitat to Alter Dams and Diversions	Program Wide	1998	Multiple	\$49,000	Institute for Fisheries Resources
Fathead Minnow Toxicity Study in the Sacramento River	Sacramento Valley	1998	Multiple	\$400,000	Central Valley Regional Water Quality Control Board
Fern-Headreach Tidal Perennial Aquatic and Shaded River Aquatic Conservation Project	Delta	1998	San Joaquin	\$425,000	L & L Farms
Fish Passage Improvement Project at the Red Bluff Diversion Dam	Sacramento Valley	1998	Tehama	\$340,600	Tehama-Colusa Canal Authority
Floodplain Acquisition, Management, and Monitoring on the Sacramento River	Sacramento Valley	1998	Multiple	\$1,000,000	The Nature Conservancy
Genetic Comparison of stocks considered for re-establishing steelhead (<i>Oncorhynchus mykiss</i>) in Clear Creek, a tributary to the Upper Sacramento River.	Sacramento Valley	1998	Shasta	\$45,493	United States Fish and Wildlife Service, Northern Central Valley Fish and Wildlife Office
Grayson River Ranch Perpetual Easement and Restoration	San Joaquin Valley	1998	Stanislaus	\$732,000	East Stanislaus Resource Conservation District
Hamilton Wetlands Restoration Planning	Bay	1998	Marin	\$1,025,015	California Coastal Conservancy
Hastings Tract Fish Screen (Phase II - Construction)	Delta	1998	Solano	\$271,250	Hastings Island Land Company
Hill Slough West Habitat Demonstration Project - Phase I	Delta	1998	Solano	\$200,000	California Department of Fish & Game
Integrated Pest Management Partnership to Improve Water Quality in Suisun Bay and Local Creeks	Bay	1998	Contra Costa, Solano	\$266,000	Central Contra Costa Sanitary District
Inventory of Forest Road Systems, Cat Creek Watershed	Sacramento Valley	1998	El Dorado	\$45,320	United States Forest Service
Life History and Stock Composition of Steelhead Trout	Sacramento Valley	1998	Yuba	\$120,000	Yuba County Water Agency
Local Watershed Stewardship Plan for the Lower Mokelumne River	Delta	1998	San Joaquin	\$159,000	San Joaquin County Resource Conservation District
Local Watershed Stewardship: Steelhead Trout Plan	Bay	1998	Marin	\$47,500	Friends of Corte Madera Creek Watershed
Lower Clear Creek Floodway Restoration Project (Phase II)	Sacramento Valley	1998	Shasta	\$3,559,596	Western Shasta Resource Conservation District
Lower Mill Creek Riparian Restoration (Phase I)	Sacramento Valley	1998	Butte	\$30,000	Mill Creek Conservancy
Lower Putah Creek Watershed Stewardship Program	Delta	1998	Solano, Yolo	\$100,500	Solano County, Department of Environmental Management, Plan

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Lower San Joaquin River Floodplain Protection and Restoration Project	San Joaquin Valley	1998	Stanislaus	\$1,100,000	US Fish & Wildlife Service
Merced River Corridor Restoration Plan	San Joaquin Valley	1998	Merced	\$300,000	Stillwater Sciences
Merced River Salmon Habitat Enhancement (Phase III)	San Joaquin Valley	1998	Merced	\$2,433,759	California Department of Water Resources
Monitoring Spring and Winter-Run Chinook Salmon and Steelhead in Battle Creek	Sacramento Valley	1998	Shasta, Tehama	\$150,000	US Fish & Wildlife Service
Napa River Watershed Stewardship	Bay	1998	Napa	\$252,000	Napa County Resource Conservation District
Nelson Slough Wildlife Area Restoration Demonstration Project - CANCELLED	Sacramento Valley	1998	Yuba	\$256,476	California Department of Fish & Game
Petaluma Marsh Expansion Project - Marin County	Bay	1998	Marin, Sonoma	\$352,135	Marin Audubon Society
Petaluma River Watershed Restoration Program	Bay	1998	Sonoma	\$220,000	Southern Sonoma County Resource Conservation District
Prospect Island Habitat Protection Project	Delta	1998	San Joaquin	\$2,000,000	US Army Corps of Engineers
Reclamation District 2035 Fish Screen	Delta	1998	Yolo	\$100,000	Reclamation District 2035
Rhode Island Floodplain Management and Habitat Restoration - Phase I	Delta	1998	Contra Costa, San Joaquin	\$25,000	California Department of Fish & Game
Richter Brothers Screen, Phase I	Sacramento Valley	1998	Sutter	\$49,000	Richter Brothers
Sacramento River, Headwaters to the Ocean, Public Information and Education	Sacramento Valley	1998	Multiple	\$49,640	Sacramento River Discovery Center
San Francisco Regional Wetlands Goals Project	Bay	1998	Multiple	\$76,000	San Francisco Estuary Institute
San Joaquin Valley Salmonids in the Classroom Program Enhancement	San Joaquin Valley	1998	Multiple	\$3,000	California Department of Fish & Game
Sand and Salt Creek Watershed Project	Sacramento Valley	1998	Colusa, Yolo	\$599,000	Colusa County Resource Conservation District
Small Fish Screen Diversion Project on the Sacramento River	Sacramento Valley	1998	Shasta, Tehama	\$900,000	Natural Resources Conservation Service
Small Fish Screen Evaluation - CANCELLED	Sacramento Valley	1998	Sutter	\$95,000	Pelgar Mutual Water Company

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Sonoma Creek Watershed Enhancement Plan - Phase II	Bay	1998	Sonoma	\$302,000	Southern Sonoma County Resource Conservation District
South Napa River Tidal Slough and Floodplain Restoration Project	Bay	1998	Napa	\$1,490,000	City of American Canyon
South Napa River Wetlands Acquisition	Bay	1998	Napa	\$1,073,513	Napa County Land Trust
South Napa River Wetlands Acquisition and Restoration Program	Bay	1998	Napa	\$466,000	Napa County Land Trust
South Yuba River Coordinated Watershed Management Plan	Sacramento Valley	1998	Nevada	\$264,000	California Department of Parks and Recreation
Spawning Areas of Green Sturgeon (<i>Acipenser medirostris</i>) in the Upper Sacramento River	Sacramento Valley	1998	Tehama	\$60,801	United States Fish and Wildlife Service, Northern Central Valley Fish and Wildlife Office
Steelhead and Chinook Salmon Fish Passage Barrier Remediation on the Guadalupe River	Bay	1998	Santa Clara	\$178,200	Natural Heritage Institute
Stone Lakes National Wildlife Refuge Land Acquisitions	Delta	1998	Sacramento	\$2,622,500	US Fish & Wildlife Service
Stone Lakes Water Hyacinth Education Program	Delta	1998	Sacramento	\$9,600	Sacramento Regional County Sanitation District
Sulfur Creek Coordinated Resource Management Planning Group	Sacramento Valley	1998	Shasta	\$23,838	Sacramento Watersheds Action Group
Support for McCormack-Williamson Tract	Delta	1998	Sacramento	\$24,000	Department of Water Resources
The Butte Creek Watershed Educational Workshops and Field Tours Series	Sacramento Valley	1998	Multiple	\$33,000	California State University, Chico Research Foundation, Department of Geography and Planning
The Virtual Science Center and Hands-on Learning Programs - CANCELLED	Program Wide	1998	Multiple	\$42,000	The Delta Science Center at Big Break
Traveling Film Festival / Heron Booth / Video Archive	Program Wide	1998	Multiple	\$54,000	Independent Documentary Group
Tuolumne River Natural Resources Program	San Joaquin Valley	1998	Stanislaus	\$94,213	City of Modesto
Tuolumne River Setback Levees and Channel Restoration	San Joaquin Valley	1998	Stanislaus	\$1,362,000	Turlock Irrigation District
Twitchell Island Subsidence Study	Delta	1998	Sacramento	\$3,583,000	Department of Water Resources
Union School Slough Watershed Improvement Program	Sacramento Valley	1998	Yolo	\$636,000	National Audubon Society

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Water Challenge 2010	Bay	1998	Multiple	\$64,500	United States Army Corps of Engineers, San Francisco Bay Model Visitor's Center
Water Quality Criteria for Chlorpyrifos and Diazinon	Program Wide	1998	Multiple	\$67,753	California Department of Fish & Game, Pesticide Investigations Unit
Woodbridge Fish Screen and Passage	San Joaquin Valley	1998	Sacramento, San Joaquin	\$1,575,000	Woodbridge Irrigation District
Yolo Bypass Watershed Restoration Strategy	Sacramento Valley	1998	Solano, Yolo	\$244,188	Yolo Basin Foundation, Inc.
1999/2000 Bay-Delta Education Program	Program Wide	1999	Multiple	\$33,269	Water Education Foundation
American River (South and Middle Fork) Watershed Stewardship Project	Sacramento Valley	1999	El Dorado	\$203,250	Georgetown Divide Resource Conservation District
An Evaluation of the Potential Impacts of the Chinese Mitten Crab (<i>Eriocheir sinensis</i>) on the Benthic Communities in the Sacramento-San Joaquin Delta and Suisun Bay	Delta	1999	Multiple	\$152,233	California Department of Water Resources
Anderson-Cottonwood Irrigation District Fish Passage and Fish Screening Improvement Project, Phase III	Sacramento Valley	1999	Shasta	\$5,253,000	Anderson-Cottonwood Irrigation District
Anderson-Cottonwood Irrigation District Fish Screen	Sacramento Valley	1999	Shasta	\$5,100,000	Anderson-Cottonwood Irrigation District
Assessing Ecological & Economic Impacts of the Chinese Mitten Crab	Bay	1999	Multiple	\$113,033	University of California Berkeley
Assessment of Ecological and Human Health Impacts of Mercury in the Bay-Delta Watershed	Program Wide	1999	Multiple	\$4,164,000	San Jose State University Foundation
Assessment of Pesticide Effects on Fish & Their Food Resources in the Sacramento/San Joaquin Delta	Delta	1999	Multiple	\$1,586,894	University of California, Berkeley - Regents of the University of California
Battle Creek Salmon and Steelhead Restoration Project	Sacramento Valley	1999	Shasta, Tehama	\$28,000,000	Pacific Gas & Electric (primary)
Biological Agricultural Systems In Cotton-BASIC-Reducing Synthetic Pesticides & Fertilizers in the North San Joaquin Valley	San Joaquin Valley	1999	Multiple	\$460,000	Sustainable Cotton Project
Central Valley Steelhead Genetic Evaluation	Sacramento Valley	1999	Multiple	\$70,636	California Department of Fish & Game
Chronic Toxicity of Environmental Contaminants in Sacramento Splittail - A Biomarker Approach	Delta	1999	Yolo	\$673,684	University of California, Davis - Animal Sciences
Clear Creek Prescription	Sacramento Valley	1999	Shasta	\$256,260	Western Shasta Resource Conservation District

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Colusa Basin Watershed Project	Sacramento Valley	1999	Colusa	\$492,500	Colusa County Resource Conservation District
Colusa County Watershed Educational Training	Sacramento Valley	1999	Colusa	\$13,390	Colusa County Resource Conservation District
Cosumnes and Mokelumne Rivers Feasibility Study	Delta	1999	San Joaquin	\$1,007,800	East Bay Municipal Utility District / The Nature Conservancy
Determination of the Causes of Dissolved Oxygen Depletion in the San Joaquin River	San Joaquin Valley	1999	Merced, San Joaquin, Stanislaus	\$892,400	California Department of Water Resources, Environmental Services Office
Development of a Comprehensive Implementation Plan for a Statistically Designed Marking & Recovery Plan	Program Wide	1999	Multiple	\$74,951	California Department of Fish & Game
Development of a River Corridor Management Plan for the Lower American River	Sacramento Valley	1999	Sacramento	\$250,000	City of Sacramento
Development of an Implementation Plan for Lower Yuba River Anadromous Fish Habitat Restoration	Sacramento Valley	1999	Yuba	\$3,000,000	Surface Water Resources, Inc.
Dissolved Organic Carbon Release from Delta Wetlands, Part 1	Delta	1999	Multiple	\$1,434,449	United States Geological Survey
Duncan/Long Canyon, Paired-Watershed Study	Sacramento Valley	1999	Placer	\$86,108	Placer County Water Agency
East Delta Habitat Corridor (Georgiana Slough)	Delta	1999	Sacramento	\$1,100,000	Habitat Assessment & Restoration Team, Inc
Effects of Introduced Clams on the Food Supply of Bay-Delta Fishes	Bay	1999	Multiple	\$100,490	California State University, San Francisco
Effects of Introduced Species of Zooplankton & Clams on the Bay-Delta Food Web	Bay	1999	Multiple	\$653,384	San Francisco State University
Estuary Action Challenge Environmental Education Project	Bay	1999	Alameda, Contra Costa	\$51,500	Earth Island Institute
Fish Passage Improvement Project at the Red Bluff Diversion Dam, Phase II	Sacramento Valley	1999	Tehama	\$1,030,000	Tehama-Colusa Canal Authority
Fish Treadmill -- Developed Fish Screen Criteria for Native Sacramento-San Joaquin Watershed Fish	Delta	1999	Multiple	\$823,000	University of California, Davis, Wildlife, Fish, & Conservation Biology
Floodplain Easements - Lower Tuolumne and San Joaquin Rivers	San Joaquin Valley	1999	Stanislaus	\$1,545,000	Natural Resources Conservation Service

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Habitat Restoration on McCormack-Williamson Tract Levees	Delta	1999	Sacramento	\$860,778	The Nature Conservancy
Health Monitoring of Hatchery and Natural Fall-run Chinook Juveniles in the San Joaquin River and Delta, April - June 2000	San Joaquin Valley	1999	Merced, San Joaquin	\$38,996	United States Fish & Wildlife Service, California-Nevada Fish Health Center
Improving Fish Passage Facilities at Coleman National Fish Hatchery to Facilitate Restoration of Battle Creek Salmon and Steelhead	Sacramento Valley	1999	Shasta, Tehama	\$2,500,000	United States Fish & Wildlife Service
Introduced Spartina Eradication Project Invasive Species Program	Bay	1999	Multiple	\$275,000	California Coastal Conservancy
Inundation of a Section of the Yolo Bypass to Restore Sacramento Splittail & Other Native Species. - CANCELLED	Delta	1999	Yolo	\$820,679	Natural Heritage Institute
Lake Red Bluff Riparian Area Restoration & Education Support Project	Sacramento Valley	1999	Tehama	\$29,114	California Conservation Corps
Levee Setback Geomorphic Model	Delta	1999	Multiple	\$104,458	University of California, Davis
Linked Hydrogeomorphic Ecosystem Models to Support Adaptive Management	San Joaquin Valley	1999	Sacramento	\$1,546,016	UC Davis
Lower Butte Creek Project (Phase II - Preliminary Engineering and Environmental Analysis for Butte Sink Structural Modifications and Flow-Through System)	Sacramento Valley	1999	Butte, Colusa, Sutter	\$775,000	Ducks Unlimited, Inc.
Lower Mokelumne Stewardship	Delta	1999	Sacramento, San Joaquin	\$227,000	San Joaquin Resource Conservation District
McCormack-Williamson Tract Acquisition	Delta	1999	Sacramento	\$5,356,000	The Nature Conservancy / California Wildlife Conservation Board
Merced River Salmon Habitat Enhancement (Phase I - Robinson/Gallo Salmon Restoration Project: Ratzlaff Reach Site)	San Joaquin Valley	1999	Merced	\$1,586,350	California Department of Water Resources
Merced River Salmon Habitat Enhancement: Lower Western Stone Restoration Site	San Joaquin Valley	1999	Merced	\$130,000	California Department of Water Resources
Napa River Watershed Stewardship Year 2	Bay	1999	Napa	\$191,100	Napa County Resource Conservation District
Non-Native Invasive Species Advisory Council	Program Wide	1999	Multiple	\$50,000	United States Fish & Wildlife Service
Practical Guidebook to Prevent & Control for Non-Native Invasive Plants in Shallow Water Habitats of the Bay-Delta Ecosystem	Program Wide	1999	Multiple	\$76,750	San Francisco Estuary Institute
Prospect Island Monitoring Project - CANCELLED	Delta	1999	Solano	\$915,000	CA Dept of Water Resources

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Purple Loosestrife Prevention, Detection & Control Actions for the Sacramento-San Joaquin River Delta System	Delta	1999	Multiple	\$127,473	California Department of Food & Agriculture
Purple Loosestrife Prevention, Detection & Control in the Sacramento/San Joaquin Delta & Associated Hydrologic Units	Delta	1999	Multiple	\$201,306	California Department of Food & Agriculture
Reducing Risk of Importation & Distribution on Non-Native Invasive Species Through Outreach & Education	Delta	1999	Multiple	\$105,466	University of California, Davis
Reintroduction of Endangered Soft Bird's Beak to Restored Habitat	Delta	1999	Solano	\$178,889	University of California, Davis, Departmento of Environmental Science and Policy
Riparian Corridor Acquisition and Restoration Assessment	Sacramento Valley	1999	Shasta, Tehama	\$2,240,250	United States Bureau of Land Management, Redding Field Office
River Studies Center Exhibits & Programs	San Joaquin Valley	1999	Fresno, Madera	\$70,467	San Joaquin River Parkway & Conservation Trust
Sacramento River Discovery Center Educational Program	Sacramento Valley	1999	Tehama	\$39,552	Sacramento River Discovery Center
San Joaquin County Water Acquisition	San Joaquin Valley	1999	San Joaquin, Stanislaus	\$3,090,000	Oakdale & South San Joaquin Irrigation Districts
San Joaquin River Pilot Project	San Joaquin Valley	1999	Fresno	\$2,575,000	Friant Water Users Authority
South Napa River Tidal Slough & Floodplain Restoration Project	Bay	1999	Napa	\$1,565,600	City of American Canyon
Species & Community Profiles of the San Francisco Bay Area Wetlands Ecosystem Goals Project	Bay	1999	San Francisco	\$45,320	Friends of the San Francisco Estuary
The Learning Watershed Project	Sacramento Valley	1999	Multiple	\$56,907	American River Watershed Institute
Traveling Film Festival & Exhibit; McCormack-Williamson Restoration Film	Delta	1999	Multiple	\$51,500	Independent Documentary Group
Tuolumne River Mining Reach Restoration (MJ Ruddy)	San Joaquin Valley	1999	Stanislaus	\$3,332,050	Turlock Irrigation District
Tuolumne River Run Pool 10 Restoration	San Joaquin Valley	1999	Stanislaus	\$165,000	Turlock Irrigation District
Understanding Tidal Marsh Restoration Processes and Patterns: Validating and Extending the "BREACH" Conceptual Model	Delta	1999	Multiple	\$1,042,246	University of Washington, School of Fisheries
Water Challenge 2010	Bay	1999	Multiple	\$52,015	United States Army Corps of Engineers, San Francisco Bay Model Visitor Center

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Yuba Watershed Council	Sacramento Valley	1999	Yuba	\$142,618	Yuba Watershed Council
Zebra Mussel Detection & Outreach Project	Delta	1999	Multiple	\$100,000	California Department of Water Resources
A Mechanistic Approach to Riparian Restoration - San Joaquin Basin, Phase I & II	San Joaquin Valley	2000	Merced, Stanislaus	\$230,376	Stillwater Sciences
Adaptive Real-Time Water Quality Management of Seasonal Wetlands in the Grassland Water District	San Joaquin Valley	2000	Merced	\$671,900	Grassland Water District
Arundo Donax Eradication and Coordination	Bay	2000	Multiple	\$842,587	Sonoma Ecology Center
Biological Assessment of Green Sturgeon in the Sacramento-San Joaquin Watershed, Phase II	Program Wide	2000	Multiple	\$211,164	University of California Davis
Canal Ranch Habitat Restoration Phase II	Delta	2000	San Joaquin	\$135,940	California Department of Fish & Game
City of Redding Water Utility Fish Screen Rehabilitation	Sacramento Valley	2000	Shasta	\$510,262	City of Redding, Department of Public Works
Cottonwood Creek Watershed Monitoring and Assessment	Sacramento Valley	2000	Shasta, Tehama	\$360,000	Cottonwood Creek Watershed Group
Culture of Delta Smelt Phase II & III	Delta	2000	Multiple	\$576,229	University of California Davis, Department of Animal Science
Department of Conservation Directed Action - Mine Remediation Assessment	Sacramento Valley	2000	Nevada, Placer, Sierra	\$147,000	California Department of Conservation
Determining the Biological, Physical and Chemical Characteristics of Ballast Water Arriving in San Francisco Bay	Bay	2000	Multiple	\$387,182	San Francisco Estuary Institute
Dissolved Organic Carbon Release from Delta Wetlands - Part 2	Delta	2000	Multiple	\$1,030,000	United States Geological Survey
Floodplain Acquisition and Subreach/Site-Specific Management Planning on the Sacramento River (Red Bluff to Colusa)	Sacramento Valley	2000	Multiple	\$534,570	The Nature Conservancy
Focused Action to Develop Ecologically-Based Hydrologic Models and Water Management Strategies in the San Joaquin Basin	San Joaquin Valley	2000	Multiple	\$304,803	Natural Heritage Institute
Investigation of Abandoned Mine Sites - Yuba River	Sacramento Valley	2000	Nevada, Sierra, Yuba	\$100,000	Unknown
Last Chance Creek Watershed Restoration Project - Ferris Meadow Reach - Feather River Coordinated Resource Management	Sacramento Valley	2000	Plumas	\$1,009,400	Feather River Coordinated Resource Management
Liberty Island Acquisition and Restoration Phase I	Delta	2000	Solano, Yolo	\$2,701,734	US Fish & Wildlife Service

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Maxwell Irrigation District Tuttle Pump Relocation Project	Sacramento Valley	2000	Colusa	\$440,737	Maxwell Irrigation District
McCormack-Williamson Tract Phase II Monitoring Project	Delta	2000	Sacramento	\$572,886	University of California, Davis
McCormack-Williamson Tract Phase II Restoration Planning	Delta	2000	Sacramento	\$365,650	California Department of Water Resources
Merced River Corridor Restoration Project Phase III	San Joaquin Valley	2000	Merced	\$272,912	Stillwater Sciences
Panoche/Silver Creek Watershed Management/Action Plan	San Joaquin Valley	2000	Fresno, San Benito	\$873,440	Westside Resource Conservation District
Sacramento River Small Diversion Fish Screen Program - Mechanical Monitoring and Maintenance Project	Sacramento Valley	2000	Colusa, Shasta	\$322,081	Natural Resources Conservation Service
Sonoma Creek Watershed Conservancy	Bay	2000	Sonoma	\$438,923	Southern Sonoma County Resource Conservation District
Treating Ballast Water Discharges at Existing Municipal Wastewater Treatment Plants	Bay	2000	Multiple	\$122,014	San Francisco Estuary Institute
Tuolumne River Bobcat Flat Floodplain Acquisition	San Joaquin Valley	2000	Stanislaus	\$2,043,850	Friends of the Tuolumne, Inc.
Adopt-A-Watershed Leadership Institute	Program Wide	2001	Multiple	\$616,734	Adopt-A-Watershed
Aeration Technology Performance Evaluation	Program Wide	2001	Fresno, Madera, Merced, San Joaquin, Stanislaus	\$1,645,000	G. Fred Lee and Associates
American Basin Fish Screen & Habitat Improvement Project	Sacramento Valley	2001	Sacramento, Sutter	\$950,000	Natomas Mutual Water Company
Arundo Donax: Survey and Eradication	Sacramento Valley	2001	Butte, Tehama	\$360,000	California State University, Chico
Battle Creek Anadromous Salmonid Monitoring Projects	Sacramento Valley	2001	Shasta, Tehama	\$1,576,152	US Fish & Wildlife Service
Battle Creek Riparian Protection	Sacramento Valley	2001	Shasta, Tehama	\$1,000,000	The Nature Conservancy
Battle Creek Watershed Stewardship, Phase II	Sacramento Valley	2001	Shasta, Tehama	\$268,817	Battle Creek Watershed Conservancy
Bay-Delta Learning Initiative	Program Wide	2001	Multiple	\$126,668	Water Education Foundation
Biological Assessment of Green Sturgeon in the Sacramento-San Joaquin Watershed	Program Wide	2001	Multiple	\$641,362	University of California Davis

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Butte Creek, Big Chico Creek, and Sutter Bypass Chinook Salmon and Steelhead Evaluation	Sacramento Valley	2001	Butte, Sutter	\$280,951	CA Dept of Fish & Game
Butte Creek/Sanborn Slough Bifurcation Upgrade Project	Sacramento Valley	2001	Butte, Colusa	\$1,000,000	California Waterfowl Association
City of Sacramento Intake Fish Screen Replacement Project	Sacramento Valley	2001	Sacramento	\$6,020,995	City of Sacramento
Clear Creek Juvenile Salmonid Monitoring Project	Sacramento Valley	2001	Shasta	\$871,026	US Fish & Wildlife Service
Cosumnes/Mokelumne Corridor Floodplain Acquisitions, Management, and Restoration Planning	San Joaquin Valley	2001	Sacramento	\$3,044,342	The Nature Conservancy
Delta Studies Program: San Joaquin County Schools	San Joaquin Valley	2001	San Joaquin	\$306,291	San Joaquin County Office of Education
Demonstration Project for the Protection and Enhancement of Delta In-Channel Islands (Phase 2 - Construction & Monitoring)	Delta	2001	Contra Costa, San Joaquin	\$928,150	Association of Bay Area Governments
Digital Soil Survey Mapping and Digital Orthophotoquad Imagery Development	Delta	2001	Multiple	\$502,100	Natural Resources Conservation Service / California Conservation Partnership
Directed Action for Dissolved Oxygen	Program Wide	2001	Multiple	\$120,000	Dept of Water Resources
Directed Action for Dissolved Oxygen, Interagency Ecological Program Data Management	Program Wide	2001	Multiple	\$35,000	Dept of Water Resources
Directed Action for Selenium	San Joaquin Valley	2001	Multiple	\$115,000	*
Directed Action for Sources and Causes of Oxygen Demand from Algal Biomass in the San Joaquin River Deep Water Ship Channel	San Joaquin Valley	2001	San Joaquin	\$393,596	Dept of Water Resources
Discover the Flyway II	Delta	2001	Yolo	\$197,987	Yolo Basin Foundation
Ecological Monitoring of Tolay & Cullinan Ranch Tidal Wetlands Restoration	Bay	2001	Solano, Sonoma	\$593,931	Ducks Unlimited, Inc.
Ecosystem Restoration Program Directed Action for Cache Creek Settling Basin Study	Sacramento Valley	2001	Yolo	\$100,000	Army Corps of Engineers
Educating Farmers and Landowners in Biological Resource Management	Delta	2001	Merced, Solano, Yolo	\$1,066,593	Community Alliance with Family Farmers
Environmental Stewardship Educational Conferences and Tours	Program Wide	2001	Multiple	\$48,500	Committee for Sustainable Agriculture (Ecological Farming Association)

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Estimating the Abundance of Sacramento River Juvenile Winter Chinook Salmon with Comparisons to Adult Escapement	Sacramento Valley	2001	Tehama	\$1,081,638	US Fish & Wildlife Service
Estuary Action Challenge Environmental Education Project	Bay	2001	Alameda, Contra Costa	\$50,000	Estuary Action Challenge / Earth Island Institute
Evaluate Use of a Two-Dimensional Hydraulic and Habitat Simulation Model to Assess Benefits of Channel Restoration	San Joaquin Valley	2001	Stanislaus	\$11,000	United States Fish & Wildlife Service
Fay Island Restoration Project, Phase I CANCELLED	Delta	2001	Contra Costa, San Joaquin	\$744,148	California Department of Fish & Game
Feasibility Study of the Ecosystem and Water Quality Benefits Associated with Restoration of Franks Tract, Big Break, and Lower Sherman Lake - WAS 01-N18	Delta	2001	Contra Costa, Sacramento	\$1,218,105	California Department of Water Resources
Fish Passage Improvement Project at the Red Bluff Diversion Dam - Balance of Phase II Funding with Requested Change of Scope	Sacramento Valley	2001	Tehama	\$1,574,000	Tehama-Colusa Canal Authority
Fish Treadmill -- Developed Fish Screen Criteria for Native Sacramento-San Joaquin Watershed Fish	Delta	2001	Multiple	\$1,362,878	University of California Davis
Food Resources for Zooplankton in the Sacramento-San Joaquin River Delta	Delta	2001	Multiple	\$576,422	UC Davis
Genetic Identification of Watershed-Dependent Species of Special Concern in the Central Valley	Program Wide	2001	Multiple	\$827,000	CSU San Francisco
Habitat Acquisition for Riparian Brush Rabbit and Riparian Wood Rat	San Joaquin Valley	2001	San Joaquin, Stanislaus	\$2,720,085	United States Fish & Wildlife Service
Health Monitoring of Hatchery and Natural Fall-Run Chinook Juveniles	San Joaquin Valley	2001	San Joaquin, Stanislaus	\$40,890	United States Fish & Wildlife Service
Hill Slough West Habitat Restoration Demonstration Project, Phase II ** WAS 01-N14 **	Bay	2001	Solano	\$87,000	CA Dept of Fish and Game
Invasive Spartina Project	Bay	2001	Multiple	\$1,793,661	California Coastal Conservancy
Juvenile Salmon Migratory Behavior Study in North, Central and South Delta	Delta	2001	Multiple	\$210,000	Natural Resource Scientists, Inc.
Kirker Creek Watershed Coordinated Resource Management Planning Program	Bay	2001	Contra Costa	\$198,450	Contra Costa Resource Conservation District
Large-Scale Pilot Demonstration of Passivation Technology For Restoration of Newton Copper Mine	Sacramento Valley	2001	Amador	\$60,000	University of Nevada

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Lassen National Forest Watershed Stewardship Within the Anadromous Watersheds of Butte, Deer, and Mill Creeks	Sacramento Valley	2001	Butte, Tehama	\$849,845	US Forest Service
Lower Butte Creek Project (Phase III - Facilitation/Coordination and Construction of Three Fish Passage Modifications to Sutter Bypass West Side Water Control Structures)	Sacramento Valley	2001	Sutter	\$4,783,719	Ducks Unlimited, Inc.
Lower Calaveras River Chinook Salmon and Steelhead Life History Limiting Factors Assessment	San Joaquin Valley	2001	San Joaquin	\$314,704	Fishery Foundation of California
Lower Mokelumne River Restoration Program (Phase 2 - Woodbridge)	Delta	2001	San Joaquin	\$680,000	Woodbridge Irrigation District
Merced River Water Temperature Management Feasibility Study	San Joaquin Valley	2001	Merced	\$45,000	Merced Irrigation District
Monitoring of Nutrients and Oxygen Depleting Substances in the San Joaquin River Basin Upstream of Vernalis	San Joaquin Valley	2001	Unknown	\$276,000	Unknown
Narrows 2 Hydro Power Plant Flow Bypass System Design	Sacramento Valley	2001	Yuba	\$299,606	Yuba County Water Agency
Non-Structural Alternative at the San Joaquin River National Wildlife Refuge: Refinement for Habitat Enhancement	San Joaquin Valley	2001	Merced	\$231,942	Ducks Unlimited, Inc.
Patterson Irrigation District Positive Barrier Fish Screen on San Joaquin River Diversion	San Joaquin Valley	2001	Stanislaus	\$175,000	Patterson Irrigation District
Rainbow Trout Toxicity Monitoring: An Evaluation of the Role of Contaminants on Anadromous Salmonids	Program Wide	2001	Multiple	\$530,000	Central Valley Regional Water Quality Control Board
Real-Time Flow Monitoring	Sacramento Valley	2001	Butte, Colusa, Sutter, Tehama	\$418,700	California Department of Water Resources
Reclamation District 2035 Fish Screen Design and Environmental Review	Sacramento Valley	2001	Yolo	\$1,820,000	Reclamation District 2035
Revised Phase 2: Merced River Salmon Habitat Enhancement: River Miles 42 to 44 (Robinson Ranch and Permit #307 sites) - WAS 01-N06	San Joaquin Valley	2001	Marin, Merced	\$1,699,101	California Department of Fish and Game, Central Valley Bay-Delta Branch
Sacramento River Conservation Area Program	Sacramento Valley	2001	Multiple	\$326,991	CSU Chico
Sacramento River Fish Small Screen Project Vertical River Pump Diversions	Sacramento Valley	2001	Colusa, Glenn, Sutter	\$1,800,000	Natural Resources Conservation Service
Sacramento River Winter Chinook Salmon Carcass Survey	Sacramento Valley	2001	Shasta	\$305,273	US Fish & Wildlife Service
San Joaquin River Chinook Salmon Age Determinations: Phase II	San Joaquin Valley	2001	San Joaquin, Stanislaus	\$54,555	California Department of Fish & Game

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San Joaquin River National Wildlife Refuge Riparian Habitat Protection & Floodplain Restoration Project - Phase II	San Joaquin Valley	2001	Stanislaus	\$7,646,233	United States Fish & Wildlife Service
Sedimentation in the Delta and Suisun Bay	Delta	2001	Multiple	\$1,367,684	United States Geological Survey
Sonoma Creek Watershed Conservancy	Bay	2001	Sonoma	\$545,170	Southern Sonoma County Resource Conservation District
Spawning Habitat & Floodplain Restoration in the Stanislaus River, Phase I	San Joaquin Valley	2001	Tuolumne	\$672,610	Carl Mesick Consultants
Staten Island Acquisition	Delta	2001	San Joaquin	\$35,110,873	The Nature Conservancy
Stockton East Water District and Calaveras County Water District Fish Screen Facilities - Calaveras River	San Joaquin Valley	2001	Calaveras, San Joaquin	\$670,000	Stockton East Water District
Suisun Marsh Property Acquisition and Habitat Restoration	Bay	2001	Solano	\$536,750	California Department of Water Resources
Sustaining Agriculture and Wildlife Beyond the Riparian Corridor	Sacramento Valley	2001	Yolo	\$1,464,167	Yolo County Resource Conservation District
Technical and Scientific Services for the Upper Yuba River Studies Program	Sacramento Valley	2001	Nevada, Sierra, Yuba	\$540,000	US Geological Service
The Influence of Flood Regimes, Vegetative and Geomorphic Structures on the Links Between Aquatic & Terrestrial Systems	Delta	2001	Sacramento	\$2,521,236	University of California, Davis
Transport, Transformation & Effects of Selenium and Carbon in the Delta: Implications for Ecosystem Restoration Program	Delta	2001	Contra Costa	\$2,600,000	United States Geological Survey
Traveling Film Festival/San Joaquin River Oral History Film	San Joaquin Valley	2001	Multiple	\$281,316	Independent Documentary Group
Tuolumne River Fine Sediment Management	San Joaquin Valley	2001	Stanislaus	\$910,486	Turlock Irrigation District
Tuolumne River Mining Reach Restoration Number 3, Warner-Deardorff Segment	San Joaquin Valley	2001	Stanislaus	\$910,486	Turlock Irrigation District
Tuolumne River Restoration: Special Run Pool 10	San Joaquin Valley	2001	Stanislaus	\$543,530	Turlock Irrigation District
Tuolumne River Watershed Outreach and Stewardship	San Joaquin Valley	2001	Tuolumne	\$62,000	Tuolumne River Preservation Trust
Using Molecular Techniques to Preserve Genetic Integrity of Endangered Salmon in a Supplementation Program	Program Wide	2001	Multiple	\$400,000	University of California Davis
Watershed Education Project	Sacramento Valley	2001	Butte	\$100,865	Chico Unified School District

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Watershed Education, Headwaters to the Ocean	Sacramento Valley	2001	Multiple	\$321,816	Sacramento River Discovery Center
Watershed Stewardship in Marsh Creek: A Project to Protect Water Quality in the Western Delta	Delta	2001	Contra Costa	\$126,000	Natural Heritage Institute
White Mallard Dam and Associated Diversions	Sacramento Valley	2001	Colusa	\$84,938	California Waterfowl Association
Willow Slough Watershed Rangeland Stewardship Program	Sacramento Valley	2001	Yolo	\$1,800,668	National Audubon Society
Yolo Bypass Management Strategy, Phase II	Delta	2001	Solano, Yolo	\$210,000	Yolo Basin Foundation
Yuba Feather Work Group	Sacramento Valley	2001	Nevada, Placer, Sierra, Yuba	\$193,650	San Francisco Estuary Institute
Adopt-A-Watershed Leadership Development, Next Phase	Program Wide	2002	Mutiple	\$1,518,395	Adopt-A-Watershed
American Basin Fish Screen and Habitat Improvement Project	Sacramento Valley	2002	Sacramento, Sutter	\$12,600,000	Natomas Mutual Water Company
AT-RISK PLANT SPECIES, HABITAT RESTORATION AND RECOVERY, AND NON-NATIVE INVASIVE SPECIES MANAGEMENT	Sacramento Valley	2002	Yolo	\$400,000	Yolo County Parks
Bahia Acquisition & Tidal Wetland Restoration	Bay	2002	Marin	\$3,345,000	Marin Audubon Society
Battle Creek Protection and Stewardship (Funded through Iron Mountain Mine Remediation)	Sacramento Valley	2002	Shasta, Tehama	\$2,206,625	The Nature Conservancy
Big Break and Marsh Creek Water Quality and Habitat Restoration Program	Program Wide	2002	Contra Costa	\$863,732	CA Coastal Conservancy
Biological Assessment of Green Sturgeon in the Sacramento - San Joaquin Watershed	Program Wide	2002	Multiple	\$998,222	UC Davis
Butte Sink Water Control Structure Modifications (Phase III - Construction)	Sacramento Valley	2002	Butte, Sutter	\$5,748,112	Ducks Unlimited, Inc.
Cultivating Watershed Stewardship	Program Wide	2002	Multiple	\$1,497,500	FARMS Leadership, Inc.
Delta Smelt Culture and Research Program	Delta	2002	Contra Costa	\$400,000	University of California, Davis
Department of Conservation, Abandoned Mine Lands Unit Mine Remediation Assessment and Field Investigations of the Middle Yuba River and other Watersheds	Sacramento Valley	2002	Nevada, Sierra, Yuba	\$400,000	CA Dept of Conservation
Determining the Mechanisms Relating Freshwater Flow & Abundance of Estuarine Biota (the "Fish-X2" relationships): Phase I	Delta	2002	Multiple	\$509,222	San Francisco State University-Romberg Tiburon Center

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Distribution & Ecology of Lepidium Latifolium in Bay-Delta Wetlands	Delta	2002	Multiple	\$223,050	Environmental Science Associates
Distribution and Relationship of Resident and Anadromous Central Valley Rainbow Trout	Program Wide	2002	calaveras, sacramento, san joaquin, stanilaus, tehama, tuolumne, yuba	\$158,756	CA Dept of Fish and Game
Distribution and Relationship of Resident and Anadromous Central Valley Rainbow Trout	Sacramento Valley	2002	Multiple	\$158,756	CA Department of Fish and Game
Distribution, and abundance of shrimp, plankton and benthos in Suisun Marsh: Tidal marsh as a refuge for native species	Bay	2002	Solano	\$271,804	University of California, Davis
Dutch Slough Tidal Marsh Restoration Project	Delta	2002	Contra Costa	\$1,500,000	CA Dept of Fish & Game
Dutch Slough Tidal Marsh Restoration Project (See also 02-P03-D)	Program Wide	2002	Contra Costa	\$23,550,000	CA Dept of Water Resources
East Sacramento County Blue Oak Legacy Acquisition Area-Deer Creek Hills Project	Sacramento Valley	2002	Sacramento	\$1,000,000	Sacramento Valley Open Space Conservancy
Effects of Climate Variability and Change on the Vegetation and Hydrology of the Bay-Delta Watershed	Program Wide	2002	Multiple	\$562,924	UCSD, Scripps Institution fo Oceanography
Engineering, Environmental, Project Management and Facilitation for Upper Yuba River Studies Program	Sacramento Valley	2002	Nevada, Sierra, Yuba	\$2,120,000	Anadromous Fish Restoration Program
Estuary Action Challenge Environmental Education Program	Bay	2002	Contra Costa, Alameda	\$120,000	Earth Island Institute
Evaluation of Mercury Transformations & Trophic Transfer in the San Francisco Bay/Delta: Identifying Critical Processes for the Ecosystem Restoration Program	Delta	2002	Contra Costa, Sacramento	\$2,262,567	US Geological Survey
Full-Scale Demonstration of Agricultural Drainage-Water Recycling Process Using Membrane Technology	San Joaquin Valley	2002	Fresno	\$280,890	Water Tech Partners
Geomorphic & Geologic Mapping for Restoration Planning, Sacramento-San Joaquin Delta Region	Delta	2002	Sacramento, Solano	\$120,000	William Lettis & Associates, Inc.
Hamilton City Ecosystem Restoration and Flood Damage Reduction	Sacramento Valley	2002	Glenn	\$420,000	CA State Reclamation Board
Hydroclimatic Reconstruction And Ancient Blue Oak Mapping Over The Drainage Basin Of San Francisco Bay	Program Wide	2002	Multiple	\$747,741	University of Arkansas Fayetteville
INFORM - Integrated Forecast & Reservoir Management Demonstration for Northern California Water Resources	Sacramento Valley	2002	Multiple	\$600,000	Hydrologic Research Center

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Invasion Dynamics of Perennial Pepperweed, Lepidium latifolium, and Their Consequences for Protection of Natural and Restored Wetlands in the San Francisco Bay Estuary	Program Wide	2002	alameda, contra costa, sacramento	\$178,701	UC Davis
Kids for Our Creeks	Sacramento Valley	2002	Shasta, Tehama	\$164,579	Cottonwood Creek Watershed Group
Life History of Egeria Densa in the Delta: Factors Controlling Production & Fragment Viability	Delta	2002	Contra Costa	\$327,937	Portland State University
Lower American River Temperature Reduction Modeling Project (formerly the Lake Natoma Temperature Curtains Pilot Project)	Sacramento Valley	2002	Sacramento	\$466,082	Dept of Water Resources
Lower Butte Creek Project: Sutter Bypass - Willow Slough Weir Fish Passage Project	Sacramento Valley	2002	Sutter	\$155,000	Ca Dept of Water Resources
McCormack-Williamson Tract Restoration: Wildlife-Friendly Levee Management	Delta	2002	Sacramento	\$2,476,835	The Nature Conservancy
Merced River Corridor Restoration Plan Phase IV:Dredger Tailings Reach	San Joaquin Valley	2002	Merced	\$2,192,515	Stillwater Sciences
Meridian Farms Water Company - Positive Barrier Fish Screen Project	Sacramento Valley	2002	Sutter	\$750,000	Meridian Farms Water Company
Mill & Deer Creeks Protection & Stewardship	Sacramento Valley	2002	Tehama	\$4,700,000	The Nature Conservancy
Napa-Sonoma Marsh Restoration Project	Bay	2002	Napa, Solano	\$4,511,400	Coastal Conservancy
Narrows 2 Powerplant Flow Bypass System	Sacramento Valley	2002	Yuba	\$4,280,600	Yuba County Water Agency
Pacific Flyway Center Initial Planning	Sacramento Valley	2002	yolo	\$334,021	Yolo Basin Foundation
Patterson Irrigation District Fish Screen Design & Environmental Review	San Joaquin Valley	2002	Stanislaus	\$611,000	Patterson Irrigation District
Pine Hill Ecological Reserve	Sacramento Valley	2002	El Dorado	\$800,000	American River Conservancy
Primary Production in the Delta: Monitoring Design, Data Analysis and Forecasting	Delta	2002	Multiple	\$315,811	University of California, Davis
Pyrethroid Insecticides: Analysis, Occurrence, and Fate in the Sacramento and San Joaquin Rivers and Delta	Sacramento Valley	2002	Multiple	\$800,000	US Geological Survey
Reclamation District No. 108 Consolidated Pumping Facility and Fish Screen	Delta	2002	Colusa, Yolo	\$630,000	Reclamation District 108

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Recovery Implementation for Riparian Brush Rabbit and Riparian Woodrat on the Lower Stanislaus River (Was ERP-02-P25-D and then was 02D-P59).	San Joaquin Valley	2002	San Joaquin	\$6,427,131	US Fish and Wildlife Service
Reducing the Introduction and Damage of Aquatic Nonindigenous Species through Outreach and Education, Phase 2	Program Wide	2002	Multiple	\$156,951	University of California, Davis
Restoration & Monitoring of Riparian Habitat Corridors Along the Lower Mokelumne River	San Joaquin Valley	2002	San Joaquin	\$859,405	San Joaquin County RCD
Restoration of Eastern Delta Floodplain Habitats on Grizzly Slough in the Cosumnes River Watershed (was 02-P05)	Program Wide	2002	Sacramento	\$300,000	CA Dept of Water Resources
Restoration of Sacramento Perch to San Francisco Estuary	Bay	2002	Multiple	\$572,732	University of California, Davis
Restoration of The Confluence Area of The Sacramento River, Big Chico and Mud Creeks	Sacramento Valley	2002	Butte	\$2,603,377	The Nature Conservancy
Restoring Ecosystem Integrity in the Northwest Delta: Phase II	Delta	2002	Solano	\$246,370	Solano County Farmlands Open Space Foundation
Riparian Restoration Planning and Feasibility Study for the Riparian Sanctuary, Llano Seco Unit	Sacramento Valley	2002	Butte	\$289,784	US Fish and Wildlife Service
San Joaquin River DO Depletion Modeling - HydroQual, Inc.	Program Wide	2002		\$500,000	HydroQual, Inc.
San Joaquin River DO Depletion Modeling - UCD	Program Wide	2002		\$863,732	UC Davis
Selenium Effects on Health and Reproduction of White Sturgeon, <i>Acipenser transmontanus</i> , in the Sacramento-San Joaquin Estuary	Delta	2002	Multiple	\$150,047	University of California, Davis
Shallow Open Water Habitats: Hydrodynamics & Benthic Grazing	Bay	2002	Santa Clara, Solano	\$471,661	Stanford University
Songbird Population Responses to Riparian Management & Restoration at Multiple Scales: Comparative Analysis, Predictive Modeling, & the Evaluation of Monitoring Programs	Program Wide	2002	Multiple	\$356,876	Point Reyes Bird Observatory
Stanislaus-Lower San Joaquin River Water Temperature Modeling & Analysis	San Joaquin Valley	2002	Calaveras, Stanislaus, Tuolumne	\$661,902	Tri-Dam Project
Staten Island Wildlife-Friendly Farming Demonstration	Delta	2002	San Joaquin	\$1,507,459	Ducks Unlimited, Inc.
Sub-Reach Planning for the Sacramento River: River Mile 144-164	Sacramento Valley	2002	Colusa Glenn	\$1,488,009	The Nature Conservancy
Suisun Marsh Land Acquisition and Tidal Marsh Restoration	Bay	2002	Solano	\$1,046,400	CA Dept of Fish and Game

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Sustainable Restoration Technologies for Bay/Delta Tidal Marsh & Riparian Habitat	Delta	2002	Sacramento, Solano, Yolo	\$1,800,000	H.A.R.T., Inc.
Sutter Mutual Water Company-Tisdale Positive Barrier Fish Screen and Pumping Plant	Sacramento Valley	2002	Sutter	\$1,270,000	Sutter Mutual Water Company
The Ecological & Economic Costs & Benefits of Alternative Agricultural Practices: Sediment, Nutrient, & Pesticides in Runoff From Conservation Tillage & Cover Cropped Systems	Delta	2002	Stanislaus, Yolo	\$1,892,916	UC Davis
Tiered Public Outreach Program	Program Wide	2002	Multiple	\$360,000	Water Education Foundationa
Transport, Cycling and Fate of Mercury and Monomethyl Mercury in the San Francisco Delta and Tributaries - An Integrated Mass Balance Assessment Approach	Program Wide	2002	Multiple	\$3,881,215	CA Dept of Fish and Game
Transport, Cycling and Fate of Mercury and Monomethyl Mercury in the San Francisco Delta and Tributaries - An Integrated Mass Balance Assessment Approach - FUNDING IS PART OF 2002-C06-A CONTRACT.	Program Wide	2002	Multiple	\$1	CA State Dept of Fish and Game
Tuolumne River - Big Bend Project	San Joaquin Valley	2002	Stanislaus	\$706,649	Tuolumne River Preservation Trust
Tuolumne River Mining Reach Restoration: Warner-Deardorff Segment No. 3 - Construction	San Joaquin Valley	2002	Stanislaus	\$10,839,000	Turlock Irrigation District
Tuolumne River Sediment Acquisition & Spawning Gravel Transfusion Project	San Joaquin Valley	2002	Stanislaus	\$4,350,000	Turlock Irrigation District
Two-Dimensional Detailed Hydraulic Model for Determining Flood Conveyance Impacts of Ecosystem Restoration Projects in the Yolo Bypass	Program Wide	2002	Solano, Yolo	\$500,257	CA State Reclamation Board
UC Sea Grant Extension Program: West Coast Ballast Outreach Project	Program Wide	2002	Alameda, contra costa, marin, sacramento	\$478,395	UC Davis
Update Individual Ownership Adaptive Management Habitat Plans	Bay	2002	Solano	\$214,944	Suisun Resource Conservation District
Upper Cosumnes River Watershed Conservation Project	Sacramento Valley	2002	El Dorado	\$2,000,000	American River Conservancy
Water Quality and Sediment Studies in the Yuba Watershed	Sacramento Valley	2002	Nevada, Sierra, Yuba	\$4,043,966	Anadromous Fish Restoration Program
White Mallard Dam and Associated Diversions - Phase III Construction	Sacramento Valley	2002	colusa	\$753,415	Ducks Unlimited
Physical Modeling Experiments to Guide River Restoration Projects	Program Wide	2003	Contra Costa	\$2,488,003	Stillwater Sciences

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Programmatic Quality Assurance and Quality Control for CBDA Mercury Research and Monitoring Projects	Program Wide	2003	Multiple	\$657,391	CA Dept of Fish and Game
Regulatory Activities of Inactive Mine Sites Affecting Delta Water Quality	Program Wide	2003	Multiple	\$100,000	Central Valley Regional Water Quality Control Board
Research, Outreach, and Education on Fish Consumption in the Sacramento-San Joaquin Delta and its tributaries - Phase 1 Scoping Study	Program Wide	2003	Multiple	\$82,610	UC Santa Barbara
Restoring Ecosystem Integrity in the Northwest Delta: Phase II	Program Wide	2003	Solano	\$1,563,506	Solano Land Trust
A Pilot Program for Monitoring, Stakeholder Involvement, and Risk Communication Relating to Mercury in Fish in the Bay-Delta Watershed	Program Wide	2004	Unknown	\$4,513,819	San Francisco Estuary Institute
Arundo Eradication and Coordination, Phase II	Program Wide	2004	Unknown	\$1,840,791	Sonoma Ecology Center
Big Break and Marsh Creek Water Quality and Habitat Restoration Program (was 02-P02-D)	Delta	2004	Unknown	\$357,146	California Coastal Conservancy
Biological Assessment of Green Sturgeon in the Sacramento - San Joaquin Watershed (WAS 02-P21-D)	Program Wide	2004	Unknown	\$998,222	UC Davis
Cosumnes River Preserve Perennial Pepperweed Control Project	Delta	2004	Unknown	\$23,550,000	CA Dept of Water Resources
Cosumnes River Preserve Perennial Pepperweed Control Project	Delta	2004	Unknown	\$418,995	UC Davis
Expanded Prevention, Detection, and Control of Purple Loosestrife in the CA Bay-Delta Authority Watershed	Program Wide	2004	Unknown	\$328,136	CA Dept. of Food and Agriculture
Implementing a Collaborative Approach to Quantifying Ecosystem Flow Regime Needs for the Sacramento River (was ERP-02-P15-D)	Sacramento Valley	2004	Unknown	\$1,500,000	The Nature Conservancy
Invasion Dynamics of Perennial Pepperweed, <i>Lepidium latifolium</i> , and Their Consequences for Protection of Natural and Restored Wetlands in the San Francisco Bay Estuary (WAS 02-P23-D)	Program Wide	2004	Unknown	\$178,701	UC Davis
Lower Deer Creek Restoration and Floodplain Management: Feasibility Study and Conceptual Design - was 02-P06-D	Sacramento Valley	2004	Unknown	\$1,519,200	Deer Creek Watershed Conservancy
Mercury and Methylmercury Processes in North San Francisco Bay Tidal Wetland Ecosystems	Bay	2004	Unknown	\$1,656,569	San Francisco Estuary Institute
Monitoring and Investigations of the San Joaquin River and Tributaries Related to Dissolved Oxygen	San Joaquin Valley	2004	Unknown	\$6,807,428	San Joaquin Valley Drainage Authority

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Pacific Flyway Center Initial Planning (WAS 02-P26-D)	Program Wide	2004	Unknown	\$334,021	Yolo Basin Foundation
Physical Modeling Experiments to Guide River Restoration Projects Was ERP-02-P13-D.	Program Wide	2004	Unknown	\$2,488,003	Stillwater Sciences
Restoring Ecosystem Integrity in the Northwest Delta: Phase II - see also 02-P21	Program Wide	2004	Unknown	\$1,563,506	Solano Land Trust
Sacramento River Restoration: Chico Landing Sub-Reach (RM 178-206)	Sacramento Valley	2004	Unknown	\$693,657	The Nature Conservancy
San Joaquin River DO Depletion Modeling - HydroQual, Inc.	Delta	2004	Unknown	\$500,000	HydroQual, Inc.
San Joaquin River DO Depletion Modeling - UCD	Delta	2004	Unknown	\$863,732	UC Davis
Tisdale Positive Barrier Fish Screen Pumping Plants with the Sutter Mutual Water Company	Sacramento Valley	2004	Sutter	\$6,856,500	Sutter Mutual Water Company
UC Sea Grant Extension Program: West Coast Ballast Outreach Project - Was ERP-02-P20-D.	Program Wide	2004	Unknown	\$478,395	UC Davis
Wilkins Slough Positive Barrier Fish Screen Sediment removal Project with Reclamation District #108	Sacramento Valley	2004	Colusa	\$495,000	Reclamation District #108

* See Complete Grant For More Detail.

Summary for 'Program Element' = Ecosystem Restoration 459 projects

Total Grant Dollars Awarded:

\$552,487,786