

FY2011 Interior, Environment, and Related Agencies
Appropriations Requests
Senator Barbara Boxer

American River Watershed – Common Features

Requesting Entity: Sacramento Area Flood Control Agency

Recipient: U.S. Army Corps of Engineers

Location: Sacramento County, California

Amount: \$30,000,000 (an increase of \$25,800,000 above the President's request of \$4,200,000)

Funds will be used to strengthen levees in the Natomas Basin, which is north of Sacramento along the American and Sacramento Rivers. This heavily populated area has seen significant flooding and these levees have been deemed to no longer provide the necessary level of flood protection.

American River Watershed – Folsom Dam Modifications

Requesting Entity: Sacramento Area Flood Control Agency

Recipient: U.S. Army Corps of Engineers

Location: Sacramento County, California

Amount: \$100,000,000 (an increase of \$22,000,000 above the President's request of \$78,000,000)

Funds will be used to continue various modifications to Folsom Dam to improve flood protection, including constructing a spillway to increase the dam's capacity to handle storm water. The Sacramento area has the lowest flood protection of any major river city in the United States.

American River Watershed – Folsom Dam Raise

Requesting Entity: Sacramento Area Flood Control Agency

Recipient: U.S. Army Corps of Engineers

Location: Sacramento, California

Amount: \$500,000 (supporting the President's request)

Funds will be used to continue efforts to raise the height of Folsom Dam, improve three emergency spillway gates, build the Folsom Dam bridge, and restore the ecosystem of the lower American River. Raising Folsom Dam, along with other American River Watershed project components, will provide 200-year flood protection for approximately 86 square miles of the Sacramento area, affecting 330,000 people and \$16 billion in property.

Central Valley Integrated Flood Management Study

Requesting Entity: State of California, Department of Water Resources

Recipient: U.S. Army Corps of Engineers

Location: Alameda, Amador, Butte, Calaveras, Colusa, Contra Costa, El Dorado, Fresno, Glenn, Lake, Lassen, Madera, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Sierra, Siskiyou, Solano, Stanislaus, Sutter, Tehama, Trinity, Tuolumne, Yolo, and Yuba Counties, California

Amount Requested: \$1,000,000

Funds for the Central Valley Integrated Flood Management Study will go towards developing a system-wide, comprehensive plan for flood control and ecosystem restoration in the Central Valley. The goal of the study is to reduce the flood risk to people, property, and infrastructure within the Central Valley, to develop a sustainable flood management system for the future, to reduce the adverse consequences of floods when they do occur.

Dam Safety Assurance Studies – Isabella Dam

Requesting Entity: Kern County Water Agency

Recipient: U.S. Army Corps of Engineers

Location: Kern County, California

Amount: \$7,000,000

Funds will be used to continue studies and design to address seepage and instability problems at Isabella Dam. This project will protect the dam's important flood control and water storage services and provide an additional 200,000 acre-feet of water for use in Kern and Tulare Counties.

Delta Long-Term Management Strategy- Pinole Shoal

Requesting Entity: County of Contra Costa

Recipient: U.S. Army Corps of Engineers

Location: Contra Costa County, California

Amount: \$2,500,000

Funds will be used toward studies and preliminary work for reusing dredged sediment for levee reconstruction in the Sacramento-San Joaquin Delta. Delta levees are in dire need of repair, and reusing dredged material to repair them could turn this waste material into a resource.

Delta-Mendota Canal/ California Aqueduct Intertie

Requesting Entity: San Luis and Delta Mendota Water Authority

Recipient: U.S. Bureau of Reclamation

Location: Merced, Fresno, San Benito, Santa Clara, and San Joaquin Counties

Amount: \$22,000,000 (an increase of \$18,700,000 above the President's request of \$3,300,000)

Funds will be used for construction of a channel connecting the Delta-Mendota Canal and the California Aqueduct. This project will improve the flexibility of water operations between the federal and state water projects and provide more reliable water supplies, particularly for farmers in the San Joaquin Valley.

Dry Creek (Warm Springs) Lake and Channel Operations and Maintenance

Requesting Entity: Sonoma County Water Agency

Recipient: U.S. Army Corps of Engineers

Location: Sonoma and Marin Counties, California

Amount: \$19,756,000 (an increase \$13,925,000 above the President's request of \$5,831,000)

Funds will be used to support new habitat restoration requirements to protect steelhead trout and

Coho salmon, while ensuring that the dam and reservoir can continue to meet flood control and water supply needs

Eastern Santa Clara River Basin Perchlorate Remediation

Requesting Entity: Castaic Lake Water Agency

Recipient: U.S. Army Corps of Engineers

Location: Los Angeles County, CA

Amount: \$5,000,000

Funding will be used for the clean-up of perchlorate groundwater contamination emanating from the former Whittaker-Bermite site in the City of Santa Clarita. About half of the Santa Clarita Valley's water supply comes from local aquifers, so this water must be fully remediated to ensure the reliability of the region's local water supply.

Eisenhower Medical Center Geothermal Energy

Requesting Entity: Eisenhower Medical Center

Recipient: Eisenhower Medical Center

Location: Riverside County, California

Amount: \$3,982,000

Funds will be used toward a geothermal energy project at Eisenhower Medical Center that will provide reliable, sustainable, and cost-effective energy while reducing water consumption. The hospital is the largest non-governmental employer in the Coachella Valley.

Fish Passage Improvements at the Red Bluff Diversion Dam

Requesting Entity: Tehama-Colusa Canal Authority

Recipient: U.S. Bureau of Reclamation

Location: Tehama, Glenn, Colusa, and Yolo Counties, California

Amount: \$61,300,000 (an increase of \$21,363,000 above the President's request of \$39,937,000)

Funds will be used to continue removing a dam and installing a new fish screen and pumping plant to ensure a more reliable water supply for Tehama, Glenn, Colusa and Yolo counties. The project will also improve the spawning habitat that supports 80 percent of the commercial salmon catch in the Pacific Ocean.

Groundwater Quality Protection Project

Requesting Entity: Mission Springs Water District

Recipient: U.S. Army Corps of Engineers

Location: Desert Hot Springs, Riverside County, California

Amount: \$35,000,000

Funds will be used toward the construction of a wastewater collection system, expansion of the existing wastewater treatment system, and the elimination of thousands of individual wastewater disposal systems that are threatening to contaminate drinking water supplies.

Hamilton Bel-Marin Keys Wetlands Restoration

Requesting Entity: California State Coastal Conservancy

Recipient: U.S. Army Corps of Engineers

Location: Marin County, California

Amount: \$20,000,000 (supporting the President's request)

Funds will restore nearly 700 acres of tidal and seasonal wetlands at a former Army base in Marin County, using dredged sediment that would have otherwise needed disposal. This project will provide critical habitat for several threatened and endangered species, as well as shorebirds and waterfowl migrating along the Pacific Flyway.

Hamilton City

Requesting Entity: The Nature Conservancy

Recipient: U.S. Army Corps of Engineers

Location: Glenn County, California

Amount Requested: \$15,000,000

Funds will be used to continue construction of the Hamilton City Flood Damage Reduction and Ecosystem Restoration Project, which includes construction of a 6.8 mile-long setback levee and restoration of 1,420 acres of riparian wildlife habitat along the Sacramento River in Glenn County.

Humboldt Bay, O&M

Requesting Entity: Humboldt Bay Harbor District

Recipient: U.S. Army Corps of Engineers

Location: Humboldt County, CA

Amount: \$5,864,000 (supporting the President's request)

Funds will support required annual maintenance dredging and hydrographic surveying necessary to maintain the entrance and shipping channels to Humboldt Bay and Harbor. Reliable navigation access to these channels is essential to maintain local industrial, security, government and commercial fishing interests in Northern California.

Imperial Beach Silver Strand Shoreline Project

Requesting Entity: City of Imperial Beach, CA

Recipient: U.S. Army Corps of Engineers

Location: San Diego County, California

Amount: \$1,000,000

Funds will be used to combat severe erosion that is jeopardizing homes in Imperial Beach and allowing excess saltwater to enter the Tijuana River National Estuarine Research Reserve, disrupting the salinity balance in this nationally important estuary.

Lake Success Dam Seismic Remediation Project

Requesting Entity: County of Tulare

Recipient: U.S. Army Corps of Engineers

Location: Tulare County, California

Amount: \$10,000,000

Funds will be used to correct a problem with unstable sediment beneath the core of the Lake Success Dam in Tulare County, which could collapse during an earthquake, flooding the City of Porterville and unincorporated communities along the Tule River. The completed project will increase capacity for flood control and agricultural irrigation.

Llagas Creek Flood Protection project

Requesting Entity: Santa Clara Valley Water District

Recipient: U.S. Army Corps of Engineers

Location: Santa Clara County, California

Amount: \$2,000,000

Funds will be used to provide flood protection for 1,100 homes, 500 businesses, and more than 1,300 acres of agricultural land in Santa Clara County. The project will also improve water quality and preserve habitat for fish and wildlife by replacing 35 road crossings, planting native trees and shrubs, and restoring habitat for endangered Steelhead trout.

Los Angeles River Ecosystem Restoration Feasibility Study

Requesting Entity: The City of Los Angeles

Recipient: U.S. Army Corps of Engineers

Location: Los Angeles County, California

Amount: \$2,600,000

Funds will be used to continue the Los Angeles River Ecosystem Restoration Feasibility Study, which is investigating ways to improve environmental conditions in and around the LA River. The overall project will have numerous benefits for water quality, public access, open space, air quality, and wildlife.

Los Angeles River Taylor Yard Bowtie Demonstration Project

Requesting Entity: City of Los Angeles

Recipient: U.S. Army Corps of Engineers

Location: Los Angeles County, California

Amount: \$6,200,000

Funds will be used on a demonstration project that will serve as an initial step toward restoring the Los Angeles River, a concrete channel that runs through the nation's second most populous city. The demonstration project will add more natural flood control surfaces and restore native vegetation at the Bowtie, located in the Cypress Park/ Glassell Park area.

Lower Cache Creek Feasibility Study

Requesting Entity: County of Yolo

Recipient: U.S. Army Corps of Engineers

Location: Yolo County, California

Amount: \$100,000 (supporting the President's request)

Funds will be used to continue a study to identify the best option for reducing flood risks to the City of Woodland and adjacent unincorporated areas in Yolo County.

Lower Mission Creek Flood Control and Rehabilitation Project

Requesting Entity: County of Santa Barbara

Recipient: U.S. Army Corps of Engineers

Location: Santa Barbara County, California

Amount: \$1,000,000

Funds will be used to begin construction on a flood control project in Lower Mission Creek that crosses through the heart of the City of Santa Barbara. Significant flooding events occurred in this area in 1995, 1998, and 2005.

Lower San Joaquin River Urban Flood Protection and Feasibility Study

Requesting Entity: County of San Joaquin

Recipient: U.S. Army Corps of Engineers

Location: San Joaquin County, California

Amount: \$2,000,000

Funds will be used to evaluate existing flood control infrastructure in San Joaquin County and develop alternatives to improve flood protection to 200-year levels.

Matilija Dam Ecosystem Restoration Project

Requesting Entity: County of Ventura

Recipient: U.S. Army Corps of Engineers

Location: Ventura County, California

Amount: \$1,000,000

Funds will be used to continue the engineering, design, and preliminary construction needed to restore the ecosystem of the Ventura River. The project will ultimately allow the migration of endangered Steelhead trout and restore the natural flow of water and sediment to the coast.

Mendocino County Strategic Woody Biomass Initiative

Requesting Entity: County of Mendocino

Recipient: County of Mendocino

Location: Mendocino County, California

Amount: \$450,000

Funds will be used to identify alternatives for two biomass energy facilities, one inland and one coastal, which will ultimately help leverage private investments and stimulate a new source of local economic growth in Mendocino County.

Merced County Streams

Requesting Entity: County of Merced

Recipient: U.S. Army Corps of Engineers
Location: Merced County, California
Amount: \$500,000

Funds will be used to continue studies to improve flood protection to residential, commercial, and agricultural lands adjacent to the City of Merced.

Napa River

Requesting Entity: City of Napa
Recipient: U.S. Army Corps of Engineers
Location: Napa County, California
Amount: \$29,000,000

Funds will be used to continue construction of the Napa River/Napa Creek Flood Protection Project, which will provide 100-year flood protection to the City of Napa, improve water quality and create more than 650 acres of tidal wetlands. The most recent flood event in 2005 caused approximately \$70 million in damage within the City of Napa. The project will protect 2,700 homes, 350 businesses, and more than 50 public properties.

Napa River Salt Marsh

Requesting Entity: Sonoma County Water Agency
Recipient: U.S. Army Corps of Engineers
Location: Napa, Sonoma, and Solano Counties, California
Amount: \$12,000,000 (supporting the President's request)

Funds will be used for habitat restoration and salinity reduction at the Napa River Salt Marsh, as well as to complete the design of a recycled water pipeline. This project is part of a larger environmental restoration effort to restore the San Francisco Bay and improve the sustainability of the Sacramento-San Joaquin River Delta.

Oakland Harbor Navigation and Improvement, CG

Requesting Entity: Port of Oakland
Recipient: U.S. Army Corps of Engineers
Location: Alameda County, California
Amount: \$4,330,000 (supporting the President's request)

Funds will be used toward the 50-Foot Harbor Deepening Project, which is required to accommodate the latest generation of container vessels.

Oakland Harbor Navigation and Improvement, O&M

Requesting Entity: Port of Oakland
Recipient: U.S. Army Corps of Engineers
Location: Alameda County, California
Amount: \$12,000,000 (an increase of \$4,500,000 above the President's request of \$7,500,000)

Funds will be used to maintain the Oakland Harbor and Inner Harbor's authorized depth. The Port of Oakland is the third busiest container port on the West Coast and plays a crucial role as a major international trade gateway to our nation.

Pajaro River Flood Control

Requesting Entity: County of Monterey

Recipient: U.S. Army Corps of Engineers

Location: Santa Cruz, Monterey, San Benito, and Santa Clara Counties, California

Amount: \$5,000,000

Funds will be used to continue studies on much-needed upgrades to the Pajaro River levee system. Flood control on the river and several of its tributaries is insufficient; this project will help protect residents in this flood-prone area.

Placer County Subregional Wastewater Treatment Project

Requesting Entity: County of Placer

Recipient: U.S. Army Corps of Engineers

Location: Placer County, California

Amount: \$3,000,000

Funds will be used for construction of a main transmission line needed to support the replacement of outdated wastewater facilities throughout Placer County.

Rio Hondo College Green Campus Green-Collar Jobs

Requesting Entity: Rio Honda College

Recipient: Rio Hondo College

Location: Los Angeles County, California

Amount Requested: \$950,000

Funds will support the development of Rio Hondo Community College's green-collar job training programs, as well as reduce the College's energy consumption, water consumption, and emissions output.

Sacramento River Deep Water Ship Channel

Requesting Entity: Port of West Sacramento

Recipient: U.S. Army Corps of Engineers

Location: Sacramento and Yolo Counties, California

Amount: \$12,500,000 (supporting the President's request)

Funds will be used to begin adding five feet of depth to the Sacramento Deep Water Ship Channel, which connects West Sacramento to the San Francisco Bay. The current depth of 30 feet limits some ships from navigating the channel.

Sacramento River Fish Screens

Requesting Entity: Northern California Water Association

Recipient: U.S. Bureau of Reclamation

Location: Sacramento, Yolo, and Sutter Counties

Amount: \$6,500,000 (\$3,712,000 above the President's request)

Funds will be used to provide fish screens at some of the last remaining unscreened diversions on the Sacramento River to improve salmon survival and help avoid restrictions on water supplies.

Sacramento-San Joaquin Delta Islands and Levees

Requesting Entity: State of California, Department of Water Resources

Recipient: U.S. Army Corps of Engineers

Location: Sacramento, San Joaquin, Contra Costa, Yolo, Solano, Santa Clara, Stanislaus, Merced, Madera, San Benito, Fresno, Kings, Tulare, Kern, Los Angeles, Riverside, Orange, and San Diego Counties, California

Amount: \$2,648,000 (an increase of \$2,000,000 above the President's request of \$468,000)

Funds will be used to develop the long-term strategy for coordinating all the U.S. Army Corps of Engineers' projects in the Delta region, and to support the Corps' involvement in federal and state water resources management efforts such as the Bay Delta Conservation Plan and the Federal Bay-Delta Leadership Committee. The study will assess existing and future flood risks in the Delta, as well as opportunities for ecosystem restoration, water supply improvements, and recreational enhancements.

San Bernardino Basin Recycled Water Initiative

Requesting Entity: City of San Bernardino Municipal Water Department

Recipient: U.S. Bureau of Reclamation

Location: San Bernardino County, California

Amount: \$1,000,000

Funds will be used to continue engineering, design, and environmental review on a project to recycle 18,000 acre-feet of water per year in San Bernardino for groundwater recharge and other uses. This project will improve the reliability of the area's water supply and offset demands on the State Water Project.

San Francisco Bay Area Regional Water Recycling Program

Requesting Entities: Bay Area Clean Water Agencies

Recipient: Bureau of Reclamation

Location: Santa Clara, San Mateo, Alameda, Contra Costa, and Sonoma Counties, California

Amount: \$2,000,000 (an increase of \$1,215,000 above the President's request of \$785,000)

Funds will be used to construct water treatment facilities, pipelines, and other infrastructure to support the use of recycled water throughout the San Francisco Bay area.

San Francisco Bay to Stockton Ship Channel

Requesting Entity: Stockton Port District

Recipient: U.S. Army Corps of Engineers

Location: San Francisco, Marin, Contra Costa, Solano, Sacramento, and San Joaquin Counties,

California

Amount: \$2,000,000

Funds will be used to continue deepening navigation channels extending from San Francisco Bay to the Port of Stockton, allowing for improved use of the channels. The existing depths and widths are inadequate for many deep-draft vessels, forcing them to run more trips, which increases transportation costs and air quality problems.

San Francisco Electric Vehicle Infrastructure Initiative

Requesting Entity: City and County of San Francisco

Recipient: City and County of San Francisco

Location: San Francisco, California

Amount: \$1,500,000

Funds will be used towards planning and building public infrastructure for electric vehicles, serving as a model for how major American cities can facilitate large-scale consumer conversion to electric vehicles to reduce greenhouse gas emissions.

San Francisquito Creek

Requesting Entity: City of Palo Alto

Recipient: U.S. Army Corps of Engineers

Location: Santa Clara and San Mateo Counties, California

Amount Requested: \$2,000,000

Funds will be used towards a feasibility study for a project to provide flood control for more than 3,000 homes, businesses, and government facilities in the cities of Palo Alto, East Palo Alto, and Menlo Park. The project will also increase habitat for a number of federally listed endangered species.

San Joaquin River Restoration Fund

Requesting Entity: Friant Water Users Authority

Recipient: U.S. Bureau of Reclamation

Location: Fresno, Tulare, and Madera Counties, California

Amount: \$50,000,000 (an increase of \$48,500,000 above the President's request of \$1,500,000)

Funds will be used to restore the capacities of the Friant-Kern and Madera Canals, install a reverse-flow pump-back system on the Friant-Kern Canal to recapture fishery flows after they are sent down the river, and conduct groundwater banking. These projects will help ensure reliable water supplies to farmers and other communities within the Friant Division.

San Joaquin River - Stockton Channel

Requesting Entity: Stockton Port District

Recipient: U.S. Army Corps of Engineers

Location: San Joaquin County, California

Amount: \$9,750,000 (an increase of \$6,147,000 above the President's request of \$3,603,000)

Funds will be used to resume routine maintenance dredging of the 35-foot channel, which has

not been dredged for the past five years. This project will allow deep-draft vessels to continue to reach the Port of Stockton.

San Luis Rey River Flood Protection

Requesting Entity: City of Oceanside

Recipient: U.S. Army Corps of Engineers

Location: San Diego County, California

Amount: \$6,000,000

Funds will be used to clear vegetation from the San Luis Rey River to protect the public and the City's infrastructure from flooding.

Santa Ana River Mainstem Project

Requesting Entity: County of Orange

Recipient: U.S. Army Corps of Engineers

Location: Orange County, California

Amount: \$73,350,000 (an increase of \$48,350,000 above the President's request of \$25,000,000)

Funds will be used to continue various infrastructure projects, including constructing the Seven Oaks Dam and raising the height of the existing Prado Dam, to provide flood protection for more than three million people and 110,000 acres of land in Orange, Riverside, and San Bernardino Counties.

South Sacramento County Streams

Requesting Entity: Sacramento Area Flood Control Agency

Recipient: U.S. Army Corps of Engineers

Location: Sacramento County, California

Amount: \$6,800,000 (an increase of \$2,000,000 above the President's request of \$4,800,000)

Funds will be used to continue channel and levee improvements and ecosystem restoration to provide the minimum 100-year level of flood protection to more than 100,000 people and \$7 billion of property in the South Sacramento area.

St. Helena Comprehensive Flood Protection Project

Requesting Entity: City of St. Helena

Recipient: U.S. Army Corps of Engineers

Location: St. Helena, Napa County, California

Amount: \$350,000

Funds will be used to continue work to provide 100-year level flood protection to the St. Helena area through restoration and re-vegetation of the natural floodplain terraces.

Tijuana River Environmental Restoration

Requesting Entity: City of San Diego

Recipient: U.S. Army Corps of Engineers

Location: San Diego County, California

Amount: \$500,000

Funds will be used to address flooding, water quality problems, trash and debris deposition, changes in sedimentation, and habitat degradation in the Tijuana River Valley.

West Sacramento Flood Control

Recipient: U.S. Army Corps of Engineers

Location: West Sacramento, Yolo County, California

Amount: \$8,652,000 (an increase of \$3,653,000 above the President's request of \$5,000,000)

Funds will be used to further evaluate and fix problems with West Sacramento's flood control project to ensure adequate protection for the area's residents.