Title XVI Authorized Project Funding

California

Eastern Municipal Water District Recycled Water System Pressurized and Expansion Project
Eastern Municipal Water District
Federal Funding: $1,037,750

The funding for the Eastern Municipal Water District Recycled Water System Pressurized and Expansion Project will fund two components of the Title XVI project, the Audie Murphy Ranch Recycled Water Pipeline and San Jacinto Reservoir Recycled Water Pond Pump Station. The Audie Murphy Ranch Recycled Water Pipeline is a 9,000 foot pipeline that will deliver 600 acre-feet of recycled water annually to the Audie Murphy Ranch development. The recycled water delivered by this project will replace water that would otherwise be imported from the Colorado River and/or California Bay-Delta.

Irvine Basin Groundwater and Surface Water Improvement Projects
Irvine Ranch Water District
Federal Funding: $3,825,000

This project is nearing completion and consists of two components; the first utilizes a natural treatment system that uses wetlands to remove contaminants from urban drainage facilities and the second component pumps and treats brackish groundwater. Combined these components produce approximately 13,300 acre-feet of water annually.

Lower Chino Dairy Area Desalination and Reclamation Project
Inland Empire Utilities Agency with Chino Basin Desalter Authority
Federal Funding: $4,000,000

The components funded include a pump station consisting of 400 horsepower pumps and approximately 40,000 feet of pipeline that will enable the delivery of 7,067 acre-feet of water annually to the Chino Basin Desalter member agencies including the cities of Ontario and Norco and the Western Municipal Water District. Once completed, the Lower Chino Dairy Area Desalination and Reclamation Project will pump and treat brackish groundwater to produce an additional 10,600 acre-fee of potable water per year. The water produced by this project will replace water that would otherwise by imported from the Colorado River and/or California Bay-Delta.

North Bay Water Reuse Program
Sonoma County Water Agency
Federal Funding: $3,836,750

The North Bay Water Reuse Program will provide recycled water to agricultural, environmental, industrial and landscape uses throughout Marin, Sonoma and Napa counties in northern California. The program will include upgrades of treatment processes and construction of storage, pipelines and pump station facilities to distribute recycled water. It will reduce the reliance on local and imported surface and groundwater supplies and reduce the amount of effluent released to San Pablo Bay and its tributaries.

Rancho California Water District Project
Rancho California Water District
Federal Funding: $175,000

The Rancho California Water District will use the funds for a conceptual design study of an indirect potable reuse project that could be incorporated into its project. The indirect potable reuse project will convey recycled water that has been treated to advance levels to Vail Lake using a pump station and pipeline that have already been constructed or to existing groundwater recharge basins.

San Jose Area Water Reclamation and Reuse Program
City of San Jose, Calif.
Federal Funding: $2,471,417

This is a joint effort of local municipalities and water districts administered by the City of San Jose to serve recycled water throughout Santa Clara County. Current infrastructure includes more than 120 miles of pipeline, four pump stations and 9.5 million gallons of storage. Recycled water is used for multiple purposes, including environmental restoration, urban agriculture, landscape and industry.

Watsonville Area Water Recycling Project
Pajaro Valley Water Management Agency
Federal Funding: $4,000,000

The Watsonville Area Water Recycling Project is a joint effort by the City of Watsonville and the Pajaro Valley Water Management Agency, and is intended to reduce over-drafting of groundwater resources and subsequent seawater intrusion. This project provides 4,000 acre-feet of recycled water per year for irrigation by blending effluent from the City's wastewater treatment plant it with higher quality water to reduce salinity.

Texas

Williamson County, Water Recycling and Reuse Project
City of Round Rock
Federal Funding: $954,083

The City of Round Rock is implementing a direct, non-potable reuse project that includes installation of infrastructure to deliver 13,400 acre-feet of highly treated wastewater effluent annually for irrigation purposes. The project is being implemented through five phases.

Title XVI Feasibility Study Funding - FY 2012

California

Facilities Planning Study for Expanding Recycled Water Delivery
City of San Buenaventura
Federal Funding: $150,000
Non-Federal Funding: $218,519

The City of San Buenaventura will study and define projects for expanding recycled water use to offset potable uses, recharge the groundwater basin, offset agricultural uses and create wetlands that would serve as a public amenity and environmental enhancement to the community.

Groundwater Replenishment Project Feasibility Study
Monterey Regional Water Pollution Control Agency
Federal Funding: $149,791
Non-Federal Funding: $503,023

The Monterey Regional Water Pollution Control Agency is investigating the feasibility of the development of a Groundwater Replenishment Project that would produce 6,000 acre-feet annually of potable water from the reclamation and reuse of municipal waste water and recycling of return agricultural flows from Monterey County.

San Elijo Valley Groundwater Project Feasibility Study
Olivenhain Municipal Water District
Federal Funding: $150,000
Non-Federal Funding: $343,672

The Olivenhain Municipal Water District will evaluate the feasibility of a minimum 1 million gallon per day supply from the San Elijo Valley Groundwater Basin. Further, the study aims to establish sustainable yield and provide information to size a future brackish water treatment plant in the valley. The use of impaired surface water from Escondido Creek could reduce the freshwater flowing from the watershed to the San Elijo lagoon, improve surface water quality and the biological health of the lagoon and support the objectives of the San Elijo Lagoon Conservancy's Lagoon Restoration Project.

SRCSD/Sacramento Power Authority/City of Sacramento Recycled Water Project Feasibility Study
Sacramento Regional County Sanitation District
Federal Funding: $75,000
Non-Federal Funding: $239,655

The Sacramento Regional County Sanitation District will evaluate the feasibility of replacing up to 4,200 acre-feet annually of surface and groundwater supplies with recycled water for industrial uses and to irrigate parks, school grounds, golf courses and landscaped street medians.

SRCSD South Sacramento County Agriculture and Habitat Lands Recycled Water Project Feasibility Study
Sacramento Regional County Sanitation District
Federal Funding: $75,000
Non-Federal Funding: $678,589

The Sacramento Regional County Sanitation District will evaluate the feasibility of replacing up to 97,000 acre-feet annually of surface and groundwater supplies with recycled water to irrigate up to 27,000 acres of permanent agriculture, habitat mitigation and conservation lands in south Sacramento County.

Upper District Indirect Reuse Groundwater Replenishment Project
Upper San Gabriel Valley Municipal Water District
Federal Funding: $150,000
Non-Federal Funding: $160,000

The Upper San Gabriel Valley Municipal Water District will investigate and seek solutions to reverse diminishing groundwater supplies in the main San Gabriel Basin. The objective is to offset current interruptible imported supplies with 10,000 to 20,000 acre-feet annually of locally supplied recycled water within the next 8 to 13 years. The feasibility study will evaluate multiple sources of reclaimed water and compare these alternatives against a "no project" alternative in order to determine the best method for replenishment for the study area.

Water Reuse Expansion Feasibility Study
Rancho Murieta Community Services District
Federal Funding: $43,209
Non-Federal Funding: $43,209

The Rancho Murieta Community Services District will identify and evaluate the feasibility of recycled water alternatives and determine the feasibility of expanding the existing water reuse system to provide recycled water to existing and future consumers reducing or eliminating increases in fresh water withdrawals from the Consumes River and disposal of effluents.

Texas

Central Fort Worth Reclaimed Water Delivery System Feasibility Study
City of Forth Worth Water Department
Federal Funding: $150,000
Non-Federal Funding: $154,017

The City of Forth Worth Water Department will conduct a feasibility study for the Central Fort Worth Reclaimed Water Delivery System. The City will examine three project alternatives, which include: 1) Delivery of reclaimed water from the Village Creek Wastewater Treatment Plant to potential customers; 2) Delivery of reclaimed water from a water recycling center to potential customers; and 3) Delivery of reclaimed water to potential customers from either the Village Creek Wastewater Treatment Plant or from a water recycling center.