

FY 2015 Authorized Title XVI Project Funding

City of Corona Water Recycling and Reuse Project City Park Reclaimed Waterline City of Corona, California Federal Funding: \$424,833

The City of Corona, California's water recycling and reuse project includes installation of approximately fifteen miles (79,410 linear feet) of reclaimed water pipeline and additional storage capacity to extend the City's recycled water service. Upon completion, the City's authorized Title XVI project is expected to produce 14,906 acre-feet of recycled water annually. The project is expected to provide reclaimed water to 455 customers and will enable the City to eliminate almost all of its imported water purchases, which currently accounts for approximately 40 percent of the City's water supply. The recycled water delivered by this project will replace water that would otherwise be imported from sources such as the Colorado River and Bay-Delta.

Hi-Desert District Wastewater Collection and Reuse Facility (Yucca Valley) Wastewater Treatment and Water Reclamation Project Hi-Desert Water District Federal Funding: \$4,000,000

The Hi-Desert District Wastewater Collection and Reuse Facility in Yucca Valley, California, includes construction of a centralized wastewater treatment facility and collection system to eliminate septic systems within the District's service area. The project will provide tertiary treatment to percolate recycled water into the Warren Valley Groundwater Basin where water levels have been depleted. In addition to improving the quality of the groundwater basin, this Project will also reduce dependency on imported supplies and it will provide a more drought resistant groundwater supply. Upon completion, this project will result in the recharge of 1,949 acre-feet of recycled water annually to replace water that would otherwise be imported by the State Water Project from the Bay-Delta.

Lower Chino Dairy Area Desalination and Reclamation Project Lower Chino Dairy Area Desalination and Reclamation Well Field and Pipeline Project Inland Empire Utilities Agency Federal Funding: \$5,000,000

Inland Empire Utilities Agency, in association with the Chino Basin Desalter Authority, is expanding capacity of the existing Chino II Desalter plant through the construction and development of three supply wells and two primary raw water transmission lines, which are components of the Chino Desalter Project. The project components proposed for funding will enhance efficiency of the desalter system through increased recovery of brine that is currently discharged to the Pacific Ocean by implementing a 2.75 million gallon per day pellet softening, clarification and secondary reverse osmosis treatment system at the Chino II Desalter facility, and the project will help the Inland Empire Utilities Agency ensure that environmental monitoring and mitigation requirements related to groundwater pumping are met. The water produced by this project will replace water that would otherwise be imported from the Colorado River and/or Sacramento-San Joaquin Bay-Delta.

North Bay Water Reuse Program Sonoma County Water Agency Federal Funding: \$1,793,225

The North Bay Water Reuse Program in Santa Rosa, California, will provide recycled water for agricultural, environmental, industrial, and landscape uses throughout Marin, Sonoma, and Napa counties. Phase I of the Program includes upgrades of treatment processes and construction of storage, pipelines, and pump station facilities to distribute recycled water. Phase I provides 3,757 acre-feet per year of tertiary treated recycled water for irrigation demands and up to 1,700 acre-feet per year of tertiary treated recycled water for Napa Salt Marsh habitat restoration. The Program reduces both reliance on local and imported surface water and groundwater supplies as well as the amount of treated effluent released to San Pablo Bay and its tributaries.

**San Diego Area Water Reclamation Program
Sweetwater Authority Water Reclamation Project, Phase II
Sweetwater Authority**

Federal Funding: \$5,250,000

The Sweetwater Authority Water Reclamation Project in California will expand the Richard A. Reynolds Groundwater Desalination Facility to provide a more secure, local water supply. The authority completed Phase I of the construction of the Reynolds Facility in 2000. Phase II of the project will expand the Reynolds Facility from the current capacity of 3,600 acre-feet per year to a total capacity of 8,800 acre-feet of locally-produced desalinated groundwater annually. Water that is produced by the Reynolds Facility supplements potable water supplies, and directly offsets imported water from the Sacramento-San Joaquin Bay-Delta and Colorado River systems.

**San Jose Area Water Reclamation and Reuse Program
South Bay Water Recycling, Phase 1B Infrastructure Improvements
City of San Jose, California**

Federal Funding: \$5,000,000

The South Bay Water Recycling Program is a joint effort of local municipalities and water districts, administered by the City of San Jose, California to provide recycled water throughout Santa Clara County. Recycled water that is delivered by the South Bay Water Recycling program replaces approximately 10,000 acre-feet per year of imported water with a local, sustainable, supply of water. Current infrastructure delivers recycled water to more than 700 irrigation and industrial customers in the cities of San Jose, Milpitas, and Santa Clara. Construction of Phase 1B includes more than 20 miles of recycled water pipeline, two 2.75 million gallon storage reservoirs, and reliability improvements at the transmission pump station. Recycled water from this project is used for multiple purposes, including environmental restoration, urban agriculture, landscape, and industry.

**Watsonville Area Water Recycling Project
Watsonville Area Water Recycling Program
Pajaro Valley Water Management Agency**

Federal Funding: \$1,756,776

The Watsonville Area Water Recycling Program is a joint effort by the City of Watsonville, California 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. A new 1.5 million gallon storage tank will be constructed in 2015 in order to improve system yield and operational flexibility.