FY 2017 Authorized Title XVI Project Funding

California

Inland Empire Utilities Agency
Lower Chino Dairy Area Desalination and Reclamation Project
Chino Desalter Phase 3 Expansion Project
Federal Funding: $5,199,536

Inland Empire Utilities Agency, in association with the Chino Basin Desalter Authority, is expanding the existing Chino II Desalter to make an additional 10,600 acre-feet per year of treated potable water available. The project, which serves western San Bernardino County, CA, includes a raw water system including wells and pipelines, treatment at interconnected desalters, disposal of brine, and distribution of treated water through pipelines and pump stations. This phase of the project is expected to enhance efficiency of the desalter system through increased recovery of brine that is currently discharged to the Pacific Ocean. Work includes implementation of a 2.75 million gallon per day pellet softening, clarification and secondary reverse osmosis treatment system at the Chino II Desalter facility. The project will help the Inland Empire Utilities Agency ensure compliance with environmental monitoring and mitigation requirements related to groundwater pumping. 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.

Santa Clara Valley Water District
South Santa Clara County Recycled Water Project
Federal Funding: $1,680,593

The South Santa Clara County Recycled Water Project in Gilroy, California will increase the availability of recycled water. Funding will be used to expand the recycled water distribution system in the southern portion of Santa Clara County. The project will provide recycled water to a broader market of commercial, industrial, irrigation, and agricultural users and will reduce reliance on imported water from the Sacramento-San Joaquin Bay-Delta.

City of San Diego
San Diego Area Water Reclamation Program
Pure Water San Diego Program
Federal Funding: $4,200,000

The Pure Water Program is a phased, multi-year program that will ultimately make available 93,000 acre-feet of water per year, or approximately 30% of the City of San Diego's water supply, by 2035. The first two phases of the Pure Water San Diego Program are expected to produce more than 33,600 acre-feet of water suitable for potable reuse. Funding received will aide in the development of environmental documentation and construction document preparation for the Project. Through the Pure Water Program, the City expects to make a new sustainable source of potable water available for San Diego by increasing the amount of reclaimed water, and thereby reducing the amount of wastewater that is released into the ocean.

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 supply. Upon completion, this project will result in the recharge of 1,804 acre-feet of recycled water annually to replace water that would otherwise be imported by the State Water Project from the Bay-Delta.

Padre Dam Municipal Water District
San Diego Area Water Reclamation Program
Padre Dam Water Recycling Facilities – Phase I Expansion
Federal Funding: $3,900,000

Padre Dam Municipal Water District, in eastern San Diego County, is planning to implement the Phase I Water Recycling Project, which includes expansion of the Ray Stoyer Water Reclamation Facility, construction of a new advanced water purification facility, potable reuse conveyance pipelines, groundwater injection and recovery wells, and a biosolids digestion facility to process sludge and offset energy demands of the project. The project will produce an additional 1,000 AFY tertiary recycled water and create 2,450 AFY potable water, allowing Padre Dam MWD to offset a total of 3,450 AFY of imported water. Increasing local water supplies helps to increase supply reliability, reduce energy demands for water supply, improve groundwater and surface water quality, and protects against the effects of droughts and climate change. In addition to the benefits realized through offsetting imported water demands, the project will divert wastewater flows that would otherwise be sent to the City of San Diego's Metro System for treatment at the Point Loma Wastewater Treatment Plant and final discharge to the Pacific Ocean.

City of Pasadena, Water and Power Department
Pasadena Non-Potable Water Project, Phase I
Federal Funding: $2,000,000

The Pasadena Non-Potable Water Project is a multi-phase project that will ultimately provide 4,000 acre-feet per year of non-potable water for irrigation, dust control, cooling, and groundwater recharge. Phase I will deliver approximately 700 acre-feet per year and will include construction of approximately five miles of pipeline, two reservoirs, and structures to convey recycled water from the City of Glendale to customers on the west side of Pasadena. The project will increase the reliability of the City's water supply and reduce reliance on imported from the Colorado River and Sacramento-San Joaquin Bay-Delta.