FY 2018 Authorized Title XVI Project Funding

Padre Dam Municipal Water District
San Diego Area Water Reclamation Program
East County Advanced Water Purification Program
Federal Funding: $7,392,351

Padre Dam Municipal Water District 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 offset energy demands of the project. The project will create 3,900 acre-feet per year of potable water by capturing wastewater flows that would otherwise be discharged to the ocean, allowing Padre Dam MWD to increase local water supplies.

City of San Diego
San Diego Area Water Reclamation Program
Pure Water San Diego Program
Federal Funding: $9,000,000

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 33,600 acre-feet of water suitable for potable reuse. Through the Pure Water Program, the City expects to make a new reliable source of potable water available for San Diego by increasing the amount of reclaimed water, while also reducing the amount of wastewater that is released into the ocean.

Hi-Desert Water District
Hi-Desert Wastewater Reclamation Project
Wastewater Treatment and Reclamation Project
Federal Funding: $8,668,5000

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 provide a more drought resistant water supply. Upon completion, this project will result in the recharge of 1,804 acre-feet of recycled water annually.

City of Escondido
San Diego Area Water Reclamation Program
Membrane Filtration Reverse Osmosis (MFRO) Facility Project
Federal Funding: $5,000,000

Located in northern San Diego County, the City of Escondido's proposed Membrane Filtration Reverse Osmosis (MFRO) Project will provide an additional water supply source to the City's agricultural users. The project will treat recycled water using membrane filtration and reverse osmosis technologies to produce high quality recycled water that is low in total dissolved solids (TDS) and chlorides. This water will be provided to agricultural growers who produce crops that require high quality water and are essential to the local economy. Upon completion, the project will produce up to 2,226 acre-feet of water annually.

Elsinore Valley Municipal Water District
Elsinore Valley Municipal Water District Projects
Horsethief Canyon Wastewater Reclamation Facility Expansion and Upgrade Project
Federal Funding: $2,693,455

The Horsethief Canyon Wastewater Reclamation Facility Expansion and Upgrade project will increase recycled water production and help provide a reliable local water supply source for the Elsinore Valley Municipal Water District (EVMWD). The project will add a wastewater treatment process train to meet the growing recycled water demands in the Horsethief Canyon service area and will help meet wastewater discharge treatment requirements. An additional 396 acre-feet per year of reclaimed water will be made available through the proposed expansion.

City of San Jose
San Jose Area Water Reclamation and Reuse Program
South Bay Water Recycling Phase 1B Infrastructure Improvements
Federal Funding: $2,545,471

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 will result in approximately 11,000 acre-feet per year of local, reliable, water supply. The Program delivers recycled water to more than 850 irrigation and industrial customers in the cities of San Jose, Milpitas, and Santa Clara.