

Fiscal Year 2011 Title XVI Water Reclamation and Reuse Program Construction Funding

California

Calleguas Municipal Water District, Regional Brine Line Phase 2A

Reclamation Funding: \$1,454,288

Total Project Cost: \$15,192,420

Funding will be used for the Regional Brine Line Recycling project. The project includes construction of a regional pipeline to collect and transfer salty water produced as a by-product of brackish groundwater desalting, conventional treated wastewater, and various saline industrial waste streams to locations where appropriate reuse or disposal can occur. This project phase will consist of approximately 12,000 linear feet of 30-inch diameter pipe that will extend an existing pipeline further into Calleguas Creek Watershed to reach additional users. By facilitating additional concentrate and wet season recycled water disposal, completion of this project phase will allow approximately 5,600 acre-feet per year of potable and agricultural water supply to be brought online.

City of Oceanside, 511 Pump Station

Reclamation Funding: \$1,385,816

Total Project Cost: \$5,543,265

Funding will be used to construct a new pumping station, with a capacity of 4.5 million gallons per day, and associated pipelines within the City of Oceanside. The proposed 511 pump station will allow the Mission Basin Groundwater Purification Facility to operate at full capacity year-round, making an additional 1,600 acre-feet of water available each year.

City of San Jose, South Bay Recycling High-Tech Industrial Cooling and Landscape Irrigation Extension

Reclamation Funding: \$2,000,000

Total Project Cost: \$3,300,000

The project phase will include construction of a one-mile-long pipeline extension of South Bay Water Recycling, a 120-mile non-potable water distribution system that currently delivers 10,000 acre-feet per year of recycled water to more than 600 customers in Silicon Valley. Extension of the pipeline will provide new customers with 200 to 250 acre-feet per year of recycled water, with the potential to serve an additional 200 acre-feet per year to additional users in the future.

Inland Empire Utilities Agency, Chino Creek Wellfield Development Project

Reclamation Funding: \$1,880,464

Total Project Cost: \$7,521,857

Funding will be used to drill and equip three wells in the Chino Creek Area to allow for increased collection of brackish groundwater. Once completed, water from the wells will be conveyed to an existing raw water line that delivers raw water to the existing Chino I Desalter for treatment. . The project will result in the reclamation of 2,900 acre-feet of currently unusable brackish groundwater per year.

Victor Valley Wastewater Reclamation Authority, Sub-Regional Water Reclamation Projects

Reclamation Funding: \$2,000,000

Total Project Cost: \$57,100,000

Funding will be used to construct two sub-regional water reclamation plants to produce high quality effluent that will be used to recharge the groundwater basin and serve recycled water customers in the City of Hesperia and the Town of Apple Valley. Once completed, the project phase will make available 2,240 acre-feet of recycled water annually.

City of Corona, Reclaimed Waterline Project

Reclamation Funding: \$1,273,097

Total Project Cost: \$5,092,389

Funding will be used to install approximately 24,200 linear feet of reclaimed water pipeline within the City of Corona to reach additional reclaimed water customers. The project is expected to provide 2,640 acre-feet of reclaimed water annually, thereby reducing the City's need to develop or expand potable water supplies in the future.

Sonoma County Water Agency, North Bay Water Reuse Program – Novato South Service Area

Reclamation Funding: \$1,291,175

Total Project Cost: \$5,164,700

Funding will be used to complete work in the Novato South Service Area, a portion of the North Bay Water Reuse Program located in Marin County, California. The project includes construction of a new tertiary treatment plant, rehabilitation of an existing storage tank, and 5.9 miles of new pipeline to expand service to new customers for landscape irrigation. The project will provide 204 acre-feet of recycled water annually.

Elsinore Valley Municipal Water District, Wildomar Recycled Water Project Customer Expansion

Reclamation Funding: \$62,500

Total Project Cost: \$250,000

Funding will be used to expand Phase 1 of the Wildomar Recycled Water System. The project phase includes construction of a new distribution main and retrofitting existing customer sites to provide recycled water for landscape irrigation. The project will allow delivery of recycled water to five additional customers in Riverside County, the City of Lake Elsinore, and the City of Wildomar.