

California Title XVI Water Reclamation and Reuse Program Feasibility Studies

Central Contra Costa Sanitary District, Concord Recycled Water Project

Reclamation Funding: \$97,000

The Central Contra Costa Sanitary District in Martinez will assess the feasibility of providing about 255 acre-feet per year of recycled water to 40 sites for irrigation at local businesses, office parks, and landscape medians within the City of Concord.

Central Contra Costa Sanitary District, Refinery Recycled Water Project

Reclamation Funding: \$180,000

The Central Contra Costa Sanitary District will assess the feasibility of providing up to 22,500 acre-feet per year of recycled water to the Shell and Tesoro refineries in Martinez for use in cooling towers and as boiler feed water. The study will address new construction, including a new recycled water treatment facility that would include ammonia removal, filtration, and disinfection.

Delta Diablo Sanitation District, Recycled Water Master Plan

Reclamation Funding: \$71,000

The Delta Diablo Sanitation District in Antioch will assess options for expanding and improving the District's current recycled water system. The feasibility study will examine the operations of the overall system for ways to maximize recycled water production and conveyance, while minimizing operations costs.

Dublin San Ramon Services District, Central Dublin Recycled Water Distribution and Retrofit Project

Reclamation Funding: \$253,400

The Dublin San Ramon Services District in Dublin will assess the feasibility of extending the current recycled water system to provide about 215 acre-feet of recycled water for landscape irrigation within central Dublin and to plumb retrofits to connect existing irrigation systems to the recycled water distribution system.

City of Hayward, Recycled Water Project

Reclamation Funding: \$156,500

The City of Hayward will assess the feasibility of a recycled water project that would serve up to 3,760 acre-feet per year of recycled water to over 20 customers, including Calpine Corporation's Russell City Energy Center.

Ironhouse Sanitary District, Recycled Water Project

Reclamation Funding: \$133,100

The Ironhouse Sanitary District in Oakley will assess the feasibility of constructing a recycled water distribution system to provide up to 1,365 acre-feet per year of recycled water for existing and future landscape, agricultural, commercial, and industrial uses in and around the City of Oakley. The project could include about 15 miles of distribution and transmission pipeline, a distribution pump station, storage, and the retrofit of user connections.

City of Mountain View, Recycled Water System Expansion

Reclamation Funding: \$100,000

The City of Mountain View will assess the feasibility of expanding the current recycled water distribution system to new customers within the city and surrounding communities; and to connect with the City of Sunnyvale's recycled water distribution system to maximize water reuse while minimizing construction costs.

City of Palo Alto, Recycled Water Pipeline Project

Reclamation Funding: \$268,800

The City of Palo Alto will assess the feasibility of expanding the current recycled water distribution system to deliver recycled water to additional customers within the City of Palo Alto. The proposed project would include a transmission pipeline, a booster pump station, laterals, and site retrofits.

City of Pleasanton, Recycled Water

Reclamation Funding: \$177,750

The City of Pleasanton will assess the feasibility of a new recycled water system to serve recycled water to customers within the City of Pleasanton and surrounding communities. The recycled water would mostly be used for landscape irrigation. But other uses such as reverse osmosis groundwater recharge, agricultural irrigation, and industrial applications will be analyzed.

Redwood City, Central Redwood City Recycled Water Project

Reclamation Funding: \$94,700

Redwood City will assess the feasibility of expanding the current recycled water distribution system to provide about 507 acre-feet per year of recycled water to over 20 customers for commercial, residential, and municipal irrigation. The project could include about 9.5 miles of distribution pipeline and would enable Redwood City to become a regional recycled water supplier to neighboring communities.

City of San Jose, Improvements and Expansions for South Bay Water Recycling Facilities

Reclamation Funding: \$268,000

The City of San Jose will assess the ability of the existing recycled water distribution system to meet current and future recycled water demands and recommend capital improvements to enhance system reliability, maintain water quality, and increase recycled water use. The study will also evaluate regional opportunities and recommend agreements and partnerships necessary to promote the regional coordination of recycled water use in northern Santa Clara County.

San Jose Water Company, San Jose Water Company Recycled Water Master Plan

Reclamation Funding: \$249,950

The San Jose Water Company in San Jose will assess the feasibility of expanding the current recycled water distribution system to serve recycled water to additional customers for landscape irrigation, industrial and cooling uses, and groundwater recharge.

Town of Yountville, Recycled Water Feasibility

Reclamation Funding: \$80,700

The Town of Yountville will assess the feasibility of expanding the current recycled water distribution system to serve recycled water to urban and agricultural uses. The project could include additional distribution pipeline, seasonal storage ponds, and pumping and control facilities. The study will also assess the feasibility of decreasing discharges to the Napa River, which flows through the Napa-Sonoma Marsh and Mare Island Strait to San Pablo Bay and San Francisco Bay.