

San Diego Integrated Regional Water Management Program

Recommended Prop 84-Round 2 Grant Project List

Project Title	Project Sponsor	Functional Area	Project Summary	Recommended Grant Amount
Failsafe Potable Reuse at the Advanced Water Purification Demonstration Facility	WaterReuse Research Foundation	Water Supply	This project will provide comprehensive testing, evaluation and demonstration of failsafe treatment trains for potable reuse without environmental buffers. Highlighted by a workshop on hazard analysis, critical control points, and redundancy requirements, this project will convene national and international health, treatment and water quality experts to establish an appropriate framework for demonstration of failsafe potable reuse at the City of San Diego's demonstration facility. The WaterReuse Research Foundation is actively funding nearly \$3M in research to better develop potable reuse as a supplemental water supply. This project leverages the expertise from those investments and combines them to demonstrate a failsafe potable reuse train.	\$2,113,000
Rural Disadvantaged Community (DAC) Partnership Project – Phase II	Rural Community Assistance Corporation (RCAC)	Water Supply	RCAC will manage a fund that is to be disbursed to DACs for project development and construction. RCAC will assist rural DACs with project development, project oversight and access to resources, including financial resources. A total of 7 DAC projects were selected for Phase II funding. Those projects include 3 tribal projects (Los Coyotes San Ysidro Water System - water main replacement, La Jolla Eastern Water System - water tank replacement, San Pasqual District B Water System - water tank replacement) and 4 other DAC projects (Rancho Estates MWC - new well and finished water storage, Pauma Valley Water Co. - new well and finished water storage, Phoenix House - new well, and Descanso CWD - pipeline replacement).	\$1,887,000
North San Diego County Regional Recycled Water Project (NSDCRRWP) – Phase II	Olivenhain Municipal Water District	Water Supply – Recycled Water	NSDCRRWP Phase II builds on the successful partnerships established during the planning and design activities in NSDCRRWP Phase I by implementing multiple construction components of the regional recycled water supply and distribution system. Phase II includes construction of distribution pipelines, recycled water pump stations, interties between individual agency systems, and further exploration of linking the regional system. Phase II will cumulatively produce an estimated 6,805 AFY of recycled water. Phase II will involve 10 sub-projects, one for each of the partners included in this effort (Leucadia Wastewater District, Vallecitos Water District, Vista Irrigation District, Rincon del Diablo MWD, Olivenhain MWD, Santa Fe Irrigation District, Carlsbad MWD, City of Escondido, City of Oceanside, San Elijo JPA).	\$3,452,000
Sustaining Healthy Tributaries to the Upper San Diego River and Protecting Local Water Supplies	The San Diego River Park Foundation	Natural Resources and Watersheds	This project seeks to take an integrated approach to conserving healthy cold water streams through monitoring, field assessments, focused studies, on-the-ground restoration, data integration, and public education and involvement. El Capitan Reservoir is the largest local supply of water in the region. Since Boulder Creek drains into El Capitan Reservoir, any reduction of pollution reduces treatment costs. Any reduction of sedimentation reduces the	\$521,000

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			resulting reduction in carrying capacity at the Reservoir. Through integration with partners and to bring a more holistic approach, the project has been expanded to include field surveys, monitoring, bio assessments, education, and stewardship components. Education elements include outreach to private land owners and 3 Indian Tribes in the area to reduce pollutant loading and better manage watershed lands.	
Turf Replacement and Agricultural Irrigation Efficiency Program	San Diego County Water Authority	Water Supply – Conservation	This regional program will promote outdoor water use efficiency in the residential and commercial sectors by providing financial incentives to replace turf grass with water-wise plant material and to upgrade overhead sprinkler irrigation systems to low-application rate/high-efficiency irrigation systems. The program will also offer incentives to agricultural customers to retrofit on-site potable irrigation systems as well as water use “audits” geared to give information and assistance to growers in their efforts to adopt techniques and methods that increase water use efficiency without jeopardizing crop productivity. All qualified retail water customers within the San Diego County Water Authority’s service area, as well as the California American Water service area of Coronado and Imperial Beach, will be eligible to participate in the program.	\$538,000
Implementing Nutrient Management in the Santa Margarita River Watershed – Phase II	County of San Diego	Water Quality/ Stormwater	This project is the continuation of the Implementing Nutrient Management in the Santa Margarita River Watershed - Phase I. The project aims to continue to facilitate the Stakeholder Advisory Group (begun during Phase I), continue the core monitoring and special studies to address data gaps identified by stakeholders to achieve project objectives, and to partner with the RWQCB staff in the development of nutrient WQOs for the Santa Margarita River and Estuary.	\$980,000
Chollas Creek Integration Project – Phase II	Jacobs Center for Neighborhood Innovation	Water Quality/ Stormwater	The project improves water quality through: engineering modifications to slow creek flow and prevent erosion and flooding; contaminate uptake and natural filtration through restoration with native species of six acres; obtaining a streamlined process for CEQA and regional permitting that supports the on-going, long-term invasive removal and restoration; community engagement in social values research; and citizen science and water quality sampling. Phase II completes construction activities and habitat restoration delineated in Phase I at Northwest Village.	\$500,000
Grant Administration	San Diego County Water Authority	--	--	\$309,000
Total				\$10,300,000