

**Proposition 84 Drought Implementation Grant Projects**  
**San Diego IRWM Region**  
*As of December 30, 2014*

Project <i>Lead Project Sponsor</i>	Description
<b>Proposition 84 – Drought Solicitation Implementation Grant</b>	
<b>Reynolds Groundwater Desalination Facility Expansion</b> <i>Sweetwater Authority</i> Total Cost: \$41,929, 276 Funding Match: \$20,964,638 Other State Funds: \$15,814,638 Grant Funding*: \$5,150,000	This project would increase production of potable water from desalinated brackish groundwater by 5,200 acre-feet per year (AFY), drill 5 new wells in the San Diego Formation, and construct 13,200 linear feet (LF) of pipeline. Potable water from the project will directly offset imported water, and is a drought-proof local supply. The proposed project would be implemented by the Sweetwater Authority, in partnership with the City of San Diego, with water deliveries from the expansion split between the two partners (2,600 AF per agency).
<b>Fallbrook Plan Nurseries Recycled Water Distribution System Expansion</b> <i>Fallbrook Public Utility District</i> Total Cost: \$1,233,136 Funding Match: \$437,976 Grant Funding*: \$795,160	This project will extend Fallbrook’s existing recycled waterline to deliver 642 AFY recycled water to growers in the southeastern portion of Fallbrook’s service area. Fallbrook PUD will partners with the Mission Resource Conservation District to implement this project.
<b>Carlsbad Recycled Water Plant and Distribution System Expansion</b> <i>Carlsbad Municipal Water District</i> Total Cost: \$11,563,000 Funding Match: \$4,287,000 Other State Funds: \$3,156,000 Grant Funding*: \$4,120,000	This project will increase treatment capacity at the Carlsbad Water Recycling Facility (Carlsbad WRF) from 4 mgd to 6 mgd – an increase of 2,240 AFY, and construct pipeline Expansion Segments 1a and 7, to deliver 197 AFY recycled water to previously identified customers, and conduct retrofits to serve 126 AFY to customers located near existing recycled water pipelines. This project will implemented by Carlsbad in partnership with Olivenhain Municipal Water District, and supports Carlsbad’s long-term vision for recycled water use within its service area.
<b>Regional Demand Management Program Expansion</b> <i>San Diego County Water Authority (SDCWA)</i> Total Cost: \$1,376,254 Funding Match: \$337,072 Grant Funding*: \$1,039,182	This project includes three programs: 1) WaterSmart landscape efficiency program, 2) Detention facility retrofit program, and 3) Turf replacement rebate program and landscape makeover workshops. Components 1 and 3 continue current work to reduce irrigation inefficiencies and replace turf with water wise landscaping. The detention facility retrofit will install timers on low-flow toilets at a juvenile detention facility, which will prevent excess flushing and reduce water waste. This project will be implemented by SDCWA, in partnership with San Diego Gas & Electric (SDG&E), the California Landscape Contractors Association (CLCA), the County of San Diego, and SDCWA’s 24 member agencies.

<b>Project</b> <i>Lead Project Sponsor</i>	<b>Description</b>
<b>San Diego Water Use Reduction Program</b> <i>City of San Diego</i> Total Cost: \$953,426 Funding Match: \$232,920 Grant Funding*: \$720,506	This project will be implemented through two programs: the Pressure Regulator Incentive Pilot, and the Recycled Water Filling Station. Rebates will be available for installation of up to 5,000 pressure regulators in homes, which will reduce the excess water that flows from fixtures and reduce pipe and fixture leaks. A multi-user recycled water filling station at the North City Water Reclamation Plant will provide recycled water for construction-related water needs.
<b>Rincon Customer-Driven Demand Management Program</b> <i>Rincon del Diablo Municipal Water District</i> Total Cost: \$819,263 Funding Match: \$200,309 Grant Funding*: \$618,955	This project will complete installation of Advanced Metering Infrastructure (AMI) in Rincon’s service area. This project will also purchase WaterSmart software that will incorporate water use data with customer data into a user-friendly, accessible interface that will allow all Rincon customers to access their water use data hourly, alert them to potential leaks, and access easy-to-access links to resources from Rincon such as rebates and incentives programs.
<b>Regional Emergency Storage and Conveyance System Inertie Optimization</b> <i>City of San Diego</i> Total Cost: \$3,468,735 Funding Match: \$837,600 Grant Funding*: \$2,631,135	Hodges Reservoir faces a number of water quality issues that prohibit transfers from Hodges Reservoir to the regional water supply and conveyance system, preventing use. In addition, inability to move water results in wasting water during wet weather events that cause dam spills. Oxygenation of water in Hodges Reservoir will improve water quality and allow water to be moved in and out of Hodges to respond to droughts and to efficiently manage water supplies during normal or wet years. This project will install a Speece Cone at Hodges Reservoir to oxygenate the water and improve water quality, increasing the volume of useable water in the reservoir, and reducing the need to import additional water.

\*3% of Grant Funding for each project is allocated to the San Diego County Water Authority to offset the costs of administering the Proposition 84 Drought Grant for the San Diego IRWM Region. Grant funds directly supporting each project is therefore less than the funds shown here. Actual grant funds allocated to each project can be calculated as [Grant Funds to Project = Grant Funding/1.03].