

Proposition 84 Round 4 Implementation Grant Projects
San Diego IRWM Region
As of June 22, 2016

Project <i>Local Project Sponsor</i>	Description
Proposition 84 – Round 4 Implementation Grant	
Regional Drought Resiliency Program <i>San Diego County Water Authority</i> Grant Funding: \$3,800,000 Funding Match: \$1,614,780 Other Funds*: \$508,432 Total Cost: \$5,923,212	The program expands efforts to retrofit correctional facilities with water-saving devices, implement a sustainable landscapes program, and outreach to property owners on reducing water demands. There are 6 components of the project: 1) Correctional Facility Retrofit Project; 2) Electrical Conductivity Mapping and Soil Moisture Sensor Systems Project; 3) WaterSmart Field Services Program; 4) Sustainable Landscapes Program; 5) WaterSmart Landscape Makeover Program; and 6) Drought Outreach and Education activities.
Conservation Home Makeover in the Chollas Creek Watershed <i>Groundwork San Diego</i> Grant Funding: \$542,000 Funding Match**: \$0 Total Cost: \$542,000	The project will install stormwater capture, greywater, and landscape upgrades in low-income homes in the Encanto neighborhood to reduce potable water demands. This project addresses DAC needs for water conservation, water supply, and food security and supports the Region’s goals of water supply sustainability, protection of natural resources, and promotion of sustainable integrated water resources management, while also helping the Region to address urban DAC needs.
San Diego Water Conservation Program <i>City of San Diego</i> Grant Funding: \$866,000 Funding Match: \$437,344 Total Cost: \$1,303,344	The project will achieve water conservation by expanding City of San Diego’s successful turf replacement rebate program and implementing greywater system rebate pilot program.
Ms. Smarty-Plants Grows Water-Wise Schools <i>The Water Conservation Garden</i> Grant Funding: \$652,000 Funding Match: \$157,750 Total Cost: \$809,750	The project will deliver the Ms. Smarty-Plants Grows Earth Heroes education program to targeted Title I schools. Twelve to fifteen K-12 schools will participate in the project’s Water-Wise Schools effort, which will help convert landscaping to water-wise plants, upgrade irrigation systems, and adopt water-wise practices.

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Rural Disadvantaged Community Partnership Project – Phase III <i>Rural Community Assistance Corporation</i> Grant Funding: \$3,000,000 Funding Match: \$2,027,350 Total Cost: \$5,027,350	The project will provide funding for ten sub-projects to improve water and wastewater infrastructure and address water quality concerns in underserved rural disadvantaged communities. Projects will serve the following communities: Campo Kumeyaay Nation, La Jolla Band of Luiseno Indians, Nestor Community, Pauma Band of Luiseno Indians, Richardson Beardsley Park, San Pasqual Band of Mission Indians, Tijuana River Valley Community, and Willowside Terrace Water Association.
Integrated Water Resource Solutions for the Carlsbad Watershed <i>San Elijo Joint Powers Authority</i> Grant Funding: \$2,500,000 Funding Match: \$9,102,322 Total Cost: \$11,602,322	The project will implement recycled water and low impact development (LID) strategies to offset potable water demands, reduce urban runoff, and implement water quality monitoring. It will improve water quality at San Elijo Lagoon and Cottonwood Creek/Moonlight Beach, as well as conduct outreach targeting disadvantaged communities.
UCSD Water Conservation and Watershed Protection <i>University of California, San Diego</i> Grant Funding: \$1,435,000 Funding Match: \$1,723,716 Total Cost: \$3,158,716	The project will expand water reuse at UCSD’s cooling tower, reuse HVAC system water, replace turf, monitor and treat stormwater, and implement a watershed protection program. This project will reduce non-point source pollution, engage disadvantaged and underserved communities and youth in restoration work, and directly reduce pollutants discharged to local surface waters.
Escondido Advanced Water Treatment for Agriculture <i>City of Escondido</i> Grant Funding: \$2,000,000 Funding Match: \$17,587,769 Total Cost: \$19,587,769	The project will construct a new microfiltration/reverse osmosis (MFRO) advanced water treatment facility. Water treated at the MFRO facility will be blended with tertiary treated water from an existing recycled water plant, and distributed to agricultural customers in the northern and eastern areas of the City of Escondido.
Padre Dam Advanced Water Treatment – Phase IA Expansion <i>Padre Dam Municipal Water District</i> Grant Funding: \$6,000,000 Funding Match: \$9,182,247 Other Funds*: \$21,106,300 Total Cost: \$36,288,547	The project will expand the Ray Stoyer Water Reclamation Facility by 4 mgd to deliver recycled water for irrigation and prepare for future potable reuse. This expansion is a key component of the East County Regional Water Reuse Program, and helps to move Padre Dam Municipal Water District and Helix Water District towards potable reuse.

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Safari Park Drought Response and Outreach <i>Zoological Society of San Diego</i> Grant Funding: \$2,900,000 Funding Match: \$967,000 Total Cost: \$3,867,000	The project will achieve potable water savings through turf conversion to water-wise landscaping and expansion of existing wastewater treatment facility to reclaim and reuse wastewater at Safari Park. The Safari Park will also expand its water conservation outreach education.
San Diego River Healthy Headwaters Restoration <i>USDA Forest Service</i> Grant Funding: \$2,116,000 Funding Match: \$929,000 Total Cost: \$3,045,000	The project implements a watershed-wide approach to invasive species removal (feral pigs, invasive weeds, and invasive aquatics), and restoration of impacted sites through decommissioning of unauthorized trails and campgrounds, installation of drainage improvements, and site rehabilitation in the San Diego River watershed.
Sweetwater Reservoir Wetlands Habitat Recovery <i>Sweetwater Authority</i> Grant Funding: \$1,500,000 Funding Match: \$1,723,629 Total Cost: \$3,223,629	The project will remove invasive species, and restore and rehabilitate riparian habitat near Sweetwater Reservoir, including 75 acres Least Bell's Vireo habitat. A multi-channel design and bridge installation will spread river flow more evenly and improve habitat quality in areas lacking sufficient hydrology. This effort will reestablish the river-floodplain connection and will enable full use of Sweetwater Reservoir.
Hodges Reservoir Natural Treatment System <i>City of San Diego</i> Grant Funding: \$2,886,472 Funding Match: \$964,408 Total Cost: \$3,850,880	The project will create a biofiltration wetland at the Hodges Reservoir to treat seasonally degraded water quality in the reservoir. This project will address the water quality issues facing the reservoir that prevent full implementation of the Pumped Storage Project, which is a major element of SDCWA's Emergency Storage Project.

*Other Cost Share may include additional local funding (e.g., general funds), non-State grant funds, federal funding sources, in-kind funding match (e.g., services and labor), and other. In rare instances, Other Cost Share may include other sources of state funding.

**Qualified disadvantaged community projects are eligible for a funding match waiver.