

**San Diego Integrated Regional Water Management (IRWM) Program  
Proposition 50 Implementation Grant Project List**

| Project Title   | Authorized Grant Funding | Project Proponent                      | Monitor             | Project Purpose   |
|---|--------------------------|--|---------------------|---|
| Work Item #1: Implementation of Integrated Landscape and Agriculture Efficiency Programs  | \$2,083,505              | SDCWA                                  | SDCWA               | Support regional efforts to increase water efficiency in the agricultural industry and in the area of landscape irrigation while also improving water quality through runoff reduction.   |
| Work Item #2: Irrigation Hardware Giveaway and Dry Weather Runoff Reduction Demonstration   | \$1,122,680              | City of San Diego                      | City of San Diego   | Offer customized commercial landscape and residential surveys along with state-of-the-art efficient irrigation hardware free to customers maintaining irrigation systems at landscaped sites throughout the City of San Diego.  |
| Work Item #3: Over-Irrigation/Bacteria Reduction  | \$231,959                | City of Encinitas                      | SDCWA               | Protect and/or enhance water quality by reducing irrigation runoff through improved water use efficiency at eight pilot sites located within the Carlsbad Watershed.  |
| Work Item #4: Santee Water Reclamation Facility Expansion Project   | \$3,092,784              | Padre Dam                              | SDCWA               | Design and construction of facilities necessary to expand the Title 22 treatment capacity of the WRF from 2 MGD to 4 MGD.   |
| Work Item #5: Recycled Water Retrofit Assistance  | \$824,742                | SDCWA                                  | SDCWA               | Provide direct financial assistance to homeowners' associations, public agencies, and other customers to facilitate the conversion from potable to recycled water for landscape irrigation and other uses.  |
| Work Item #6: City of San Diego Recycled Water Distribution System Expansion, Parklands Retrofit, and Indirect Potable Reuse / Reservoir Augmentation Project | \$3,427,835              | City of San Diego                      | City of San Diego   | 1. Install 18,000 feet of new recycled water pipe to distribute 1,500 AFY of recycled water to irrigate community open spaces, medians, slopes, and the SR-56 freeway in the north City; 2. Extend the existing recycled water distribution system to selected City parklands and retrofit irrigation systems at these parklands, creating an additional 209 AFY demand; 3. Implement an advanced water treatment plant designed to demonstrate the ability to treat water for indirect potable reuse in the San Diego Region |
| Work Item #7: San Vicente Reservoir Source Water Protection through Watershed Property Acquisition and Restoration  | \$1,160,962              | SDCWA                                  | SDCWA               | Acquire and restore lands around San Vicente Reservoir to create an expanded drinking source water protection buffer.   |
| Work Item #8: El Capitan Reservoir Watershed Acquisition and Restoration Program  | \$1,141,172              | San Diego River Park Foundation        | City of San Diego   | Acquire and restore two to three properties representing approximately 120 acres of targeted vacant undeveloped lands upstream and in the immediate vicinity of the El Capitan Reservoir, to protect source water quality at the reservoir by reducing the potential for non-point source pollution from development, removing trash and debris from the properties and planting 800 trees, and maintaining a biologically significant wildlife corridor and preserving habitat.  |
| Work Item #9: Northern San Diego County Invasive Non-Native Species Control Program   | \$1,056,285              | Mission Resource Conservation District | County              | Eradicate 373.5 acres of targeted invasive non-native plant species throughout Northern San Diego County to protect and enhance habitat; conserve water resources by increasing available groundwater; protect water delivery and storage systems; improve water quality; and reduce fire risk.   |
| Work Item #10: Santa Margarita Conjunctive Use  | \$2,642,337              | Fallbrook Public Utilities District    | SDCWA               | Enhance recharge and recovery from the groundwater basin underlying Camp Pendleton to provide a water supply for both Pendleton and Fallbrook and resolve a long-standing water rights dispute between the U.S. and Fallbrook. The project will provide approximately 6,800 AFY of new local supply.  |
| Work Item #11: Carlsbad Desalination Local Conveyance   | \$2,191,890              | Olivenhain Municipal Water District    | SDCWA               | Provide 56,000 AFY of new water supply for the San Diego Region through the design and construction of pipelines and facilities to serve local desalinated water from the Carlsbad Desalination Project to six CWA member agencies.   |
| Work Item #12: San Diego Region Four Reservoir Intertie Project Conceptual Design   | \$782,948                | Sweetwater Authority                   | SDCWA               | Provide an initial design and work plan for a conveyance system that will increase the capability to manage and store imported water in four existing reservoir systems, making the San Diego Region more resistant to drought and water delivery service interruptions.  |
| Work Item #13: South San Diego County Water Supply Strategy   | \$313,667                | Sweetwater Authority                   | SDCWA               | Investigate the sustainable use of the groundwater resources of the San Diego Formation, a natural underground aquifer that underlies the central and south San Diego Bay area. Reliable assessments currently estimate that the SDF holds upward of 1 MAF.   |
| Work Item #14: El Monte Valley Groundwater Recharge and River Restoration Project, Phases 1 and 2   | \$2,617,956              | Helix Water District                   | SDCWA               | Recharge the El Monte Valley Basin using highly treated recycled water, raise the groundwater level to support habitat restoration and subsequently withdraw up to 2,240 AFY of groundwater to supply the Levy Treatment Plant.   |
| Work Item #15: San Diego Regional Pollution Prevention  | \$721,649                | San Diego Coastkeeper                  | County of San Diego | Remove trash and debris and assess the water quality within San Diego County through citizen monitoring, so as to establish a baseline of trash and water quality data that will be transferable to local communities. Data collected will be incorporated into two web-based, publicly accessible data portals.  |
| Work Item #16: Biofiltration Wetland Creation and Education Program   | \$862,749                | Zoological Society of San Diego        | County of San Diego | Develop a biofiltration wetland within the San Diego Wild Animal Park that will be used to improve water quality within the Park through natural biological filtration, enhance wetlands habitat, reduce water consumption and educate visitors about water conservation and wetlands..   |
| Work Item #17: San Dieguito Watershed Management Plan Implementation -- Lake Hodges Natural Treatment System Conceptual Design                                | \$92,784                 | San Dieguito Watershed Council         | City of San Diego   | Will provide the initial design and a work plan for reduction of pollution loads to Lake Hodges, a 303(d) impaired water body.  |
| Work Item #18: City of San Diego Green Mall Porous Paving and Infiltration  | \$257,732                | City of San Diego                      | City of San Diego   | Retrofit stormwater systems on two commercial & industrial streets in the Chollas Creek sub-watershed of the Pueblo Hydrologic Unit, allowing urban runoff and pollutants carried with it to infiltrate into the ground instead of discharging directly to the storm drain system and adjacent water bodies.  |
| Work Item #19: Chollas Creek Runoff Reduction and Groundwater Recharge Project  | \$618,557                | County of San Diego                    | County of San Diego | Demonstrate practical implementation of a range of low impact development (LID) practices to reduce runoff from three County facilities in the Chollas Creek sub-watershed of the Pueblo San Diego hydrological unit.   |