

**Proposition 50 Integrated Regional Water Management (IRWM)
Project Proposal Form**

Detailed guidance on the Integrated Regional Water Management (IRWM) Grant Program can be found on the State Water Resources Control Board's Prop 50 Integrated Regional Water Management (IRWM) grant program web page at: <http://www.swrcb.ca.gov/funding/irwmgp/index.html>. Please familiarize yourself with the general requirements of this program before preparing and submitting a project proposal.

Completed forms should be submitted no later than December 1, 2004, either via email to jon.vanrhyn@sdcountry.ca.gov or mailed to the following location:

Jon Van Rhyn
County of San Diego
Watershed Protection Program
9325 Hazard Way
San Diego CA 92123 PHONE: 858-495-5133 FAX: 858-495-5263

SECTION A – PROJECT INFORMATION

1. Project Title	Carlsbad Watershed Over-irrigation Runoff/Bacteria Reduction Study
2. Contact Information	
? Agency/organization	City of Encinitas
? Address	Engineering Department 505 S. Vulcan Ave. Encinitas, CA 92024
? Phone	(760)633-2632
? E-mail	kweldon@ci.encinitas.ca.us
? Submitted by (name & title)	Katherine Weldon
3. Project Location (City/Community)	Cities of Solana Beach, Encinitas, Carlsbad, Oceanside, San Marcos, Vista and Escondido, San Diego County
4. Watershed (if multiple or regional, please indicate)	Carlsbad Hydrologic Unit (multiple watersheds)
5. Amount Requested	\$450,000
6. Match Information (a minimum 10% match is required for all projects):	
? Estimated match amount	\$45,000
? Has a match been identified (y/n)?	In-kind services
? If so, please identify the source(s)	All participating jurisdictions
7. Status of Project (conceptual, designed & ready to build, CEQA completed, etc.)	Conceptual, no CEQA required

8. Project Description (less than 100 words)

Irrigation runoff from turf areas can cause elevated bacteria in the receiving waters. This project is an evaluation of the effectiveness of irrigation runoff reduction as a BMP for reducing bacteria loading in receiving waters. The project consists of conducting pilot studies on like land uses, 1) including before and after water quality monitoring, 2) before and after water usage data and 3) an intensive water conservation program. The water conservation program would work closely with users, preparing water budgets, performing water audits and in some cases, installing hardware or alternative landscaping methods. The project will be a collaborative effort with local water districts.

9. Additional information (include photo, regional map, text as needed. Please limit entire document to 3 pages or less):

The project would provide multi-sector benefits by reducing over-irrigation and non-point source pollution. It is consistent with the goals of the Carlsbad Watershed Management Plan, 2002, Objective #9 Test and Evaluate BMPs. The project also meets the California Urban Water Conservation Council's BMP 5: Large Landscape Conservation Program and Incentives.

SECTION B – SUPPLEMENTAL INFORMATION

1. CWC section 79561 states that eligible projects must include one or more of the water management elements listed below (see Guidance Section III.C.). Please check all that apply to your proposed project.

- Programs for water supply reliability, water conservation, and water use efficiency
- Storm water capture, storage, treatment, and management
- Removal of invasive non-native plants, the creation and enhancement of wetlands, and the acquisition, protection, and restoration of open space and watershed lands
- Non-point source pollution reduction, management and monitoring
- Groundwater recharge and management projects
- Contaminant and salt removal through reclamation, desalting and other treatment technologies
- Water banking, water exchange, water reclamation and improvement of water quality
- Planning and implementation of multipurpose flood control programs that protect property; and improve water quality, storm water capture and percolation; and protect or improve wildlife habitat
- Watershed management planning and implementation
- Demonstration projects to develop new drinking water treatment and distribution methods

2. The Dept. of Water Resources (DWR) and State Water Resources Control Board (SWRCB) have established the statewide priorities listed below for guiding the selection of projects for funding (see Guidance Section II.E.). Please check all that apply to your proposed project.

- Reduce conflict between water users or resolve water rights disputes, including interregional water rights issues
- Implementation of Total Maximum Daily Loads that are established or under development (*Upcoming bacteria TMDL*)
- Implementation of Regional Water Quality Control Board Watershed Management Initiative Chapters, plans, and policies
- Meet Delta Water Quality Objectives
- Implementation of recommendations of the floodplain management task force, desalination task force, or recycling task force;
- Address environmental justice concerns
- Assist in achieving one or more goals of the CALFED Bay-Delta Program

NOTE: The eligibility requirements and statewide priorities listed above should be considered minimum screening criteria for project selection. Additional prioritization criteria will be identified once regional goals have been established for the draft IRWM Plan. In general, applicants should assume that preference will be given to projects that are regional, multi-functional, and able to demonstrate multiple benefits.

NOTE: Proposals that include on-stream or off stream surface water storage facilities are not eligible.