

Project Title:
Project Contact (name and organization/agency):

**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	Comprehensive Watershed Database Center and Monitoring Program
2. Contact Information	
? Agency/organization	The San Diego River Park Foundation
? Address	4891 Pacific Highway, Suite 114 San Diego, CA 92110
? Phone	619-297-7380
? E-mail	rhutsel@sandiegoriver.org
? Submitted by (name & title)	Rob Hutsel: Executive Director
3. Project Location (City/Community)	San Diego; Santee; El Cajon; La Mesa; Poway; Lakeside; Julian; Ramona; Alpine
4. Watershed (if multiple or regional, please indicate)	San Diego River Watershed
5. Amount Requested	\$280,000
6. Match Information (a minimum 10% match is required for all projects):	
? Estimated match amount	\$28,000
? Has a match been identified (y/n)?	yes
? If so, please identify the source(s)	Private and federal grant funding has been obtained
7. Status of Project (conceptual, designed & ready to build, CEQA completed, etc.)	2nd phase of project – ready to implement
8. Project Description (less than 100 words)	

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This is a second phase of a project to provide water monitoring data collected throughout the watershed on the SDRPF web site. This phase will integrate specific data including exotic vegetation removal projects, mitigation details, rainfall, hydrology and water quality, and hydromodification locations. The project will build upon work completed in phase one to digitize 401 certification data throughout the watershed to make it available to the public and the RWQCB. A project is to be a demonstration model for integrating disparate data to improve public policy decision-making, monitor watershed management plan implementation effectiveness and to improve public understanding.

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

The San Diego River Watershed Management Plan identifies as a primary goal making water quality and hydrology data publicly accessible at a single point on the internet. As part of the first phase of this project, SDRPF is providing detailed contact information about monitoring activities within the watershed. Each data source is geo-referenced and on a limited basis some data is directly available.

Also as part of this project, SDRPF has been working with the San Diego Regional Water Quality Control Board and the Regional Workbench to develop a digital system to access the enormous amount of data collected as part of the 401 certification process. This system would be used by RWQCB staff and the public.

The second phase of this project will:

- 1) Refine monitoring information available on the web site to comprehensively include data records (either through active linkages to other web-sites or through developing protocols to obtain the data and to convert data into a standard electronic format to be stored on the SDRPF web site);**
- 2) To collect and place on the web site additional information on restoration activities and hydromodification location within the watershed;**
- 3) To establish two real time water monitoring locations to determine the effectiveness of developing a backbone of stationary monitoring sites and making this information readily available on the web site;**
- 4) To display information about mitigation sites and potential mitigation sites;**
- 5) To refine the digitization process of 401 certifications within watershed; and**
- 6) To establish a watershed management plan implementation tracking system;**

This project can be a model for other watersheds throughout the State of California on advancing methods to federate data for enhancing policy decision-making, project selection; and public education and stewardship of the watershed which will result in improvements in water supply, water quality and ecosystem health.

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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
- 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