

**Project Title:** Sutherland Watershed, Acquisition of Watershed Lands for Source Water Protection

**Project Contact (name and organization/agency):** **Jeff Pasek, City of San Diego, Water Department**

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**Project Contact (name and organization/agency): Proposition 50 Integrated Regional Water Management (IRWM) Project Proposal Form**

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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@sdcounty.ca.gov](mailto:jon.vanrhyn@sdcounty.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**

<b>1. Project Title</b>	<b>Sutherland Watershed, Acquisition of Watershed Lands for Source Water Protection</b>
<b>2. Contact Information</b>	
? Agency/organization	<b>City of San Diego</b>
? Address	<b>Water Department 5530 Kiowa Drive, MS#85 San Diego, CA 91942-1306</b>
? Phone	<b>619-668-3240</b>
? E-mail	<b><a href="mailto:JPasek@sandiego.gov">JPasek@sandiego.gov</a></b>
? Submitted by (name & title)	<b>Jeff Pasek , Senior Biologist</b>
<b>3. Project Location (City/Community)</b>	<b>County of San Diego, Ramona</b>
<b>4. Watershed (if multiple or regional, please indicate)</b>	<b>San Dieguito River</b>
<b>5. Amount Requested</b>	<b>\$ 2 Million</b>
<b>6. Match Information (a minimum 10% match is required for all projects):</b>	
? Estimated match amount	<b>\$200,000</b>
? Has a match been identified (y/n)?	<b>N</b>
? If so, please identify the source(s)	

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<b>7. Status of Project (conceptual, designed &amp; ready to build, CEQA completed, etc.)</b>	<b>Conceptual</b>
<p>8. Project Description (less than 100 words)</p> <p>This project will acquire into protected ownership approximately 400 acres of privately-held land adjacent to Sutherland Reservoir. In so doing, this project will eliminate or reduce several existing or potential sources of contamination to Sutherland Reservoir, which is a source of supply for two drinking water agencies in San Diego County – the City of San Diego Water Department (SDWD) and the Ramona Municipal Water District. The lands to be acquired are targeted for future development for residential uses. The acquired lands will be managed in protected/preserved status; thus, the potential for future development will be precluded. Other natural resource benefits will stem from this project including enhancement of watershed functioning, protection of critical habitats, and buffering of upstream water quality degradation.</p>	
<p>9. Additional information (include photo, regional map, text as needed. Please limit entire document to 3 pages or less):</p> <p>Sutherland Reservoir is a drinking water supply reservoir owned and operated by the City of San Diego Water Department [SDWD]. It is located in the San Dieguito River Watershed in eastern San Diego County northeast of the town of Ramona. The watershed of Sutherland Reservoir is 34,525 acres. The capacity of the reservoir is 29,684 acre-feet. Average annual runoff into the reservoir is 11,200 acre-feet.</p> <p>Local runoff water impounded in Sutherland Reservoir is delivered directly to two municipal drinking water systems. Water from the reservoir is delivered by pipeline directly to the Ramona Municipal Water District's John C. Bargar Water Treatment Plant and is then distributed throughout the District's service area. Ramona Municipal Water District supplies drinking water to 35,000 people in a 75 square mile service area.</p> <p>Water from Sutherland Reservoir is also used by SDWD. Water impounded in Sutherland is diverted to San Vicente Reservoir, northeast of Lakeside, CA, and then delivered to the SDWD's Alvarado Water Treatment Plant. The SDWD provides water to 1.2 million people in the City of San Diego. The Alvarado plant, with a capability of 140 MGD represents about 40% of the City's treated water capacity.</p> <p>The land targeted for acquisition is currently privately owned and is available for development as residential uses. Under current land use and zoning guidelines the</p>	
<p>9. Additional information (continued)</p> <p>target property could support up to twenty residential dwelling units. The City of San Diego Water Department (SDWD) conducted a Watershed Sanitary Survey for Sutherland Reservoir in 1996 and updated the Sanitary Survey in 2001. The Watershed</p>	

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Sanitary Survey is required by the Federal and State Safe Drinking Water Acts and is submitted to DHS. The Watershed Sanitary Survey identifies “non-profit source pollution from residential development...” as a major potential contaminant source to Sutherland Reservoir. The California Department of Health Services Drinking Source Water Assessment for Sutherland Reservoir lists septic systems and storm drain discharges [both present in rural residential areas] as potentially contaminating activities. The SDWD’s Source Water Protection Guidelines for New Development describes sources of contaminants from residential development that are special concern to drinking water sources; including nutrients, Total Organic Carbon, and Total Dissolved Solids.

The SDWD has no jurisdictional authority over land use planning and zoning in the watershed of Sutherland Reservoir. Management of pollutants from residential areas near Sutherland depends on voluntary, cooperative relationships with other agencies wielding land use authority, and such voluntary cooperation has not historically been effective in protecting drinking source waters. Acquisition of critical watershed lands, especially those immediately adjacent to the reservoir of tributary streams, is the best way to protect the region’s drinking source waters.

Map will be provided later

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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

**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**

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**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.**