

Tuolumne Stanislaus IRWM - Project Worksheet

Section 1

Name of Project: Woods Creek Rotary Park Irrigation Well

Project Proponent: City of Sonora

Project Contact: Timothy A. Miller, City Administrator

Email: tmiller@sonoraca.com

Phone: 209.532.6115

Project Location: City of Sonora, County of Tuolumne

Watershed(s) where project will be located: Upper Tuolumne River

Section 2

Brief Project Description: Construction of a well and storage tank to provide irrigation for turf and play fields at Woods Creek Rotary Park and reduce dependence on TUD domestic water.

Project Benefits: *(Brief descriptions of the various benefits your project will have. All categories may not be applicable.)*

Water Supply and Distribution: Reduce demand and expense for treated surface water. Increase treated water supply for TUD customers.

Recreation and Public Access: Provide continued recreation opportunities during periods of State/District water restrictions and improved health and safety from dust control for play fields.

Section 3

Cost and Schedule:

All Anticipated Project Costs: \$100,000

Potential Sources of Project Funding: None, potentially General Fund and/or User Fees

Potential Sources of Local Match: None, potentially General Fund and/or User Fees

Earliest Start Date: April 1, 2015

Project Schedule:

Conceptual: April 1-15, 2015

Planning: April 1-15, 2015

Environmental: *(CEQA/NEPA) April 15-May 29, 2015*

Permitting: June 1-July 31, 2015

Design: August 3-28, 2015

Construction/Implementation: September 1-October 30, 2015

Project Timing and Phasing: Stand-alone project.

Completed Work: Conceptual and Planning work is underway.

Section 4

Please check each objective, priority, or preference that the proposed project meets. Descriptions will be detailed in the "Purpose and Need" section that follows.

T-S IRWM Primary Objectives:

- X_ Improve water supply sources and/or distribution within DAC and urban areas that have declining water quantity/quality or other water system reliability issues (e.g. fire-flow, contamination, etc.)
- _ Reduce the negative impacts of storm water, urban runoff, and nuisance water.
- _ Reduce contamination in groundwater, natural streams, raw water conveyance systems, and reservoirs.
- _ Improve infrastructure: to meet wastewater discharge or disposal requirements and deliver drinking water that meets drinking water standards and customer expectations.
- X_ Improve watershed health in support of increased water yield and ecosystem function.
- _ Improve the condition and ecosystem function of meadows.
- _ Assist in the protection and recovery of sensitive, special status, threatened, culturally sensitive, and endangered native aquatic and other water dependent species in the region.
- _ Identify, preserve and promote the regeneration and restoration of wetlands, vernal pools, and native plant riparian habitat; and reduce invasive species.
- _ Reduce the risk of localized flooding in urban areas.
- _ Increase renewable energy production for water management.
- _ Improve energy efficiency and reliability of surface water conveyance systems.
- X_ Increase current and future water use efficiency (WUE) by both municipal (residential and commercial) and agricultural end users.
- X_ Develop sufficient reliable and affordable water supplies to meet regional demands of existing and projected water supply needs under a multiyear drought now and into the future.
- _ Improve integrated land use and natural resource planning to support watershed management actions that restore, sustain and enhance watershed functions.

Proposition 84 Program Preferences:

- _ Includes Regional Projects/Programs.
- _ Integrate water management within hydrologic region.
- _ *Effectively resolve significant water related conflicts within or between regions.*
- _ *Contribute to attainment or one or more objectives to CALFED.*
- X_ *Address critical water supply/quality needs of DAC.*
- _ *Effectively integrate water management with land use planning.*
- _ *Flood Management -projects that provide multiple benefits.*

Proposition 84 Program Statewide Priorities:

Drought preparedness:

- _ Promote water conservation, conjunctive use, reuse and recycling.
- X_ Improve Landscape and Agricultural Irrigation Efficiencies.
- _ Achieve a Long-Term Reduction of Water Use.

- _ Efficient ground water basin management.
- _ Establish System Interties.

Use and reuse water more efficiently:

- _ Increase urban and agricultural water use efficiency measures such as conservation and recycling.
- _ Capture, store, treat and use storm water runoff (such as percolation to usable aquifers, underground storage beneath parks, small surface basins, domestic storm water capture systems or the creation of catch basis or sumps downhill of development or projects outlined in PRC §30916 - Coastal Conservancy.)
- _ Incorporate and implement low impact development (LID) design features, techniques and practices to reduce or eliminate storm water runoff.

Climate change response actions

- X_ Advance and expand conjunctive management of multiple water supply sources.
 - _ Water management system modifications that address anticipated climate change impacts, such as rising sea level, and which may include modifications, or relocations of intakes or outfalls.
 - _ Establish migration corridors, re-establish stream flood-plain hydrologic continuity, re-introduce anadromous fish populations to upper watersheds, and enhance and protect upper watershed forests and meadow systems.
 - _ Reduce water demand and wastewater loads and may reduce energy demands & Green House Gas emissions, including water use efficiency, recycling, water system energy efficiency, and reuse of runoff.

Expand environmental stewardship:

- _ Proposals that contain projects that practice, promote, improve and expand environmental stewardship to protect and enhance the environment by improving watersheds, floodplains and Instream functions and to sustain water and flood management ecosystems.

Practice integrated flood management:

- _ Proposals that contain projects that practice, integrated flood management to provide multiple benefits including; better emergency preparedness and response, improved flood protection, more sustainable flood and water management systems, enhanced flood plain ecosystems and Low Impact Development techniques that store and infiltrate runoff while protecting groundwater.

Protect surface water and groundwater quality:

- _ Protect and restore surface water and groundwater quality to safeguard public and environmental health and secure water supplies for beneficial uses.
- _ Salt/Nutrient management planning as a component of the IRWM Plan.

Improve tribal water & natural resources:

- _ Projects that include the development and/or implementation of Tribal consultation, collaboration, and access to funding for water programs and projects to better sustain Tribal water and natural resources.

Ensure equitable distribution of benefits:

X_ Projects that increase the participation of small and disadvantaged communities in the IRWM process.

_ Develop multi-benefit projects with consideration of affected disadvantaged communities and vulnerable populations.

_ Projects that address critical water supply or water quality needs of Disadvantaged Communities within the Region.

Cal Fed Primary Objectives:

_ Ecosystem quality

X_ Water supply

_ Water quality

_ Levee system integrity

Section 5

Strength of Project

Purpose and Need: Installation of this well will relieve the District from supplying treated water for irrigation purposes and make this treated water available for domestic customers. The well will allow the City to maintain the landscape investment in the park as well as control dust from the ball fields.

Integrated Elements of Project: This project can be considered an integrated project since the well will reduce demand for treated water from the District.

Existing Data and Studies: The park has been evaluated for potential well site locations and a local well driller has been contacted regarding the feasibility and viability of a well at the park.

Readiness to Proceed

Please describe the readiness to proceed of the proposed project for each category.

1. Status of California Environmental Quality Act (CEQA): Not started
2. Status of National Environmental Policy Act (NEPA): Not started
3. Status of local, state, and federal permitting requirements: Not started
4. Capacity of proponent to carry out the proposed project: Sufficient
5. Feasibility analysis for the proposed project: Not started
6. Status of necessary engineering, designs, blueprints, and work plans: Not started
7. Status of necessary authority and approvals to implement the proposed project: Not started
8. Status of matching funds for proposed project: Not yet secured