

### Proposal Full View

**Applicant Information**

Organization Name Tuolumne County Resource Conservation District \*  
 Tax ID 113799688  
 Proposal Name Tuolumne-Stanislaus IRWM Region Proposition 84  
Round 2 Implementation Grant Proposal \*  
 Proposal Objective To implement projects identified in the Tuolumne-Stanislaus IRWM Plan. \*

**Budget**

Other Contribution	\$0.00
Local Contribution	\$509,993.00
Federal Contribution	\$386,502.00
Inkind Contribution	\$96,770.00
Amount Requested	\$3,640,000.00 *
Total Project Cost	\$4,633,265.00 *

**Geographic Information**

Latitude \* DD(+/-)  MM  SS   
 Longitude \* DD(+/-)  MM  SS   
 Longitude/Latitude Clarification Location Sonora, CA  
 County Tuolumne, Calaveras \*  
 Ground Water Basin  
 Hydrologic Region San Joaquin  
 Watershed 94- Stanislaus River; 96- Tuolumne River; 106-Gopher Ridge (Little John Creek)

**Legislative Information**

Assembly District 5th Assembly District \*  
 Senate District 14th Senate District \*  
 US Congressional District District 4 (CA) \*

**Project Information**

Project Name Small Acreage Storm Water Pollution Preventic

Implementing Organization	Tuolumne County Resource Conservation District
Secondary Implementing Organization	
Proposed Start Date	10/1/2013
Proposed End Date	12/31/2017
Project Scope	Development of a stewardship program including education and implementation of BMPs on small acreage livestock facilities.
Project Description	<p>This project is designed to resolve site-specific nutrient, sediment, and pathogen discharges into the Stanislaus and Tuolumne River watersheds from small privately owned parcels with confined livestock – particularly horses. The proposed project utilizes an incentives based approach to achieve the cultural change needed for livestock facilities to voluntarily adopt management measures that improve the healthy functioning of watershed. This project is essentially a “roll-out” of the Ecology Action/Monterey RCD “Livestock and Land Program” as developed for Statewide expansion under past RWQCB grants, but will focus primarily on smaller acreage landowners within our IRWM Region. The project will include: 1. Establishment of a local library of resources and reference materials from other successful similar programs from throughout the United States; 2. An Education and Outreach program that will include locally relevant materials that will be used for ongoing technical assistance to landowners; 3. Five Public Workshops that will include topics such as managing mud, manure, and runoff; design and installation of BMP’s; water quality and livestock owner responsibility; reducing erosion; pasture and paddock management; selecting appropriate plants; and keeping pastures green; 4. Technical assistance to landowners where an TCRCD Technical Advisor would visit sites to assess and prioritize needed improvements with property owners; 5. A cost share assistance program for small parcel owners that do not qualify for NRCS programs; 6. Implementation and Construction of appropriate BMP’s at a minimum of five priority sites; and 7. Water Quality evaluation and database development.</p> <p>The objectives are: to increase the knowledge base of small acreage landowners in Tuolumne County and to implement cost-efficient Best Management Practices</p>

Project Objective	(BMP's) that result in direct reductions of turbidity, Total Suspended Solids (TSS), Total Dissolved Solids (TDS), nutrients and bacteriological pathogens from storm water flows into the Tuolumne and Stanislaus Rivers.
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**Project Benefits Information**

Project Objective

**Budget**

Other Contribution	0
Local Contribution	0
Federal Contribution	0
Inkind Contribution	96770
Amount Requested	255000
Total Project Cost	351770

**Geographic Information**

Latitude DD(+/-)	38	MM 2	SS 10
Longitude DD(+/-)	-119	MM 55	SS 34
Longitude/Latitude Clarification		Location	Sonora, CA

County Tuolumne, Calaveras Ground Water Basin Hydrologic Region San Joaquin WaterShed  
 94- Stanislaus River; 96- Tuolumne River; 106-Gopher Ridge (Little John Creek)

**Legislative Information**

Assembly District	5th Assembly District
Senate District	14th Senate District
US Congressional District	District 4 (CA)

**Project Information**

Project Name	Tuolumne Stanislaus Watershed Outreach and
Implementing Organization	Tuolumne River Preservation Trust
Secondary Implementing Organization	
Proposed Start Date	10/1/2013
Proposed End Date	12/31/2015
Project Scope	Outreach and Stewardship in the upper Tuolumne Stanislaus IRWM Region through presentations, events, activities, and media.
Project Description	The purpose of this project is two-fold: to deliver a unified regional message about the importance of watershed health and water use efficiency and to involve the community in watershed stewardship through volunteer workday activities. Through a variety of outreach strategies, including the internet and social media, presentations, news articles, and events we will deliver a message about the importance of water use efficiency to ensuring a reliable water supply for our region while maintaining environmental water quality. This message will be accompanied by tips, suggestions, and strategies that residents can employ in the home and on the landscape to ensure wise use of water. This approach will increase the community's awareness and knowledge of water use efficiency thus increasing the region's water supply reliability. This qualitative benefit could be quantified through the avoided water supply purchase costs and avoided water shortage costs. Beyond reducing water use, this program will also contribute to reduced non-point source runoff that may otherwise carry pollutants to local creeks and streams. This benefit would be realized as a reduced cost of protecting, restoring, or enhancing beneficial uses. We will round out this outreach campaign with a series of volunteer workdays to involve community members directly in watershed stewardship, habitat restoration, and management and maintenance of recreational facilities. We anticipate organizing river cleanups, noxious weed control projects, meadow restoration, etc. to directly engage the public in the stewardship of our watersheds and restoration and enhancement of native fish and wildlife habitat. Recreation improvements realized through these workdays will result in increased attractiveness of the recreational facilities, such as hiking trails, and which will lead to an increase in use and value of the facility.
Project Objective	The purpose of this project is two-fold: to deliver a unified regional message about the importance of watershed health and water use efficiency and to involve the community in watershed stewardship through volunteer workday activities.

**Project Benefits Information**

Project Objective

**Budget**

Other Contribution	0
Local Contribution	27003
Federal Contribution	58755
Inkind Contribution	0
Amount Requested	50000
Total Project Cost	135758

**Geographic Information**

Latitude DD(+/-)	37	MM 58	SS 58
Longitude DD(+/-)	-120	MM 22	SS 58
Longitude/Latitude Clarification		Location	Sonora, CA
County Tuolumne Ground Water Basin Hydrologic Region San Joaquin WaterShed 96- Tuolumne River			

**Legislative Information**

Assembly District	5th Assembly District
Senate District	14th Senate District
US Congressional District	District 4 (CA)

**Project Information**

Project Name	Wastewater Treatment Facilities Improvement
Implementing Organization	Murphys Sanitary District
Secondary Implementing Organization	
Proposed Start Date	10/1/2013
Proposed End Date	1/16/2015
Project Scope	Design and construction of effluent sprayfield infrastructure and related facilities.
Project Description	The District currently provides treated effluent to Hay Station Ranch for irrigation purposes. At this time, there are no other disposal means available to the District. With ongoing changes in ranching practices (i.e. reduction of water needs) and the uncertainty of climactic conditions, the District has a need to supplement its current reclamation operation with additional disposal capacity. Construction of new sprayfield infrastructure on recently acquired District property will allow said supplemental capacity. The intent of the Sprayfield Project is to provide reliable disposal capacity under various climactic conditions, specifically heavy precipitation years. The proposed project would also offset any decreases in reclaimed water use by Hay Station Ranch to accommodate reasonable seasonable variation in irrigation needs.
Project Objective	This project will help the District maintain compliance with State regulations and protect the environment and public health by ensuring complete land containment and adequate treatment of all District effluent. Other goals of this project are to increase agricultural water use efficiency, reduce non-point source contamination, maintain water quality, help eliminate future violations of state regulations, and help facilitate development of an affordable water supply for agricultural water users.

**Project Benefits Information**

Project Objective

**Budget**

Other Contribution	0
Local Contribution	330232
Federal Contribution	0
Inkind Contribution	0
Amount Requested	285000
Total Project Cost	615232

**Geographic Information**

Latitude DD(+/-)	38	MM 7	SS 23
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Longitude DD(+/-)  MM  SS   
 Longitude/Latitude Clarification  Location   
 County Calaveras Ground Water Basin Hydrologic Region San Joaquin WaterShed

**Legislative Information**

Assembly District	5th Assembly District
Senate District	14th Senate District
US Congressional District	District 4 (CA)

**Project Information**

Project Name	Douglas Flat/Vallecito WWTP Storage Pond Pr
Implementing Organization	Calaveras County Water District
Secondary Implementing Organization	
Proposed Start Date	10/1/2013
Proposed End Date	2/28/2015
Project Scope	Design/permitting to expand capacity of a storage pond allowing customers to discontinue use of existing septic systems.
Project Description	The Douglas Flat/Vallecito Wastewater Treatment Plant was recently upgraded with funding through a \$4.4 million SWRCB grant. The project upgraded the facility to tertiary treatment with a design flow of 86,500 gallons per day. The project has been completed and on February 8, 2013, the District was notified by the Central Valley Regional Water Quality Control Board that it had adopted Order R5-2013-0009, Waste Discharge Requirements for the Facility. However the limiting factor of the current facility is effluent storage. The current storage pond has a capacity of 59 acre feet, ( 75,000 gallons per day). However, with a design flow of 86,500 gallons per day, additional 26.8 acre feet of storage is required (for a total of 86 acre feet). As the plant is now permitted for tertiary treatment, there is a strong potential for recycled water use, including agricultural if the storage ponds are expanded. This project will be the first step in increasing the storage capacity of the effluent reservoir near the existing Vallecito/Douglas Flat Wastewater Treatment Plant to allow for full utilization of the entire design capacity of the treatment facility. The treatment plant produces high quality tertiary treated water which can be used for recycling. Increasing the capacity of the flow would also improve ground water quality since would be no need for septic tanks. The design phase includes development of plans and specifications for the construction of the new 86 acre foot storage pond. All environmental documentation/permitting would be completed, including the application for recycled water use per requirements of Title 22. Once design and permitting is completed, the District would complete construction of a new storage pond with increased capacity. The new storage pond would insure that all existing infill and existing septic facilities would be able to tie into the facility. This would have a positive impact on the groundwater in the area.
Project Objective	The Douglas Flat/Vallecito This project will provide the design and permitting to increase the storage capacity of the Douglas Flat/Vallecito Wastewater Treatment Facility to meet the facility's design flow of 86,500 gallons per day. The objectives are to increase the potential for recycled water use, and provide capacity for existing septic tank owners to abandon failing tanks and connect to a public sewer system.

**Project Benefits Information**

Project Objective

**Budget**

Other Contribution	<input type="text" value="0"/>
Local Contribution	<input type="text" value="10014"/>
Federal Contribution	<input type="text" value="0"/>
Inkind Contribution	<input type="text" value="0"/>
Amount Requested	<input type="text" value="200000"/>
Total Project Cost	<input type="text" value="210014"/>

**Geographic Information**

Latitude DD(+/-)  MM  SS   
 Longitude DD(+/-)  MM  SS   
 Longitude/Latitude Clarification  Location   
 County Calaveras Ground Water Basin Hydrologic Region San Joaquin WaterShed

**Legislative Information**

Assembly District	5th Assembly District
Senate District	14th Senate District
US Congressional District	District 4 (CA)

**Project Information**

Project Name	Home-Level Water Conservation for the DAC
Implementing Organization	Amador Tuolumne Community Action Agency
Secondary Implementing Organization	
Proposed Start Date	10/1/2013
Proposed End Date	9/30/2017
Project Scope	Assess homes for water usage and waste, install conservation measures, perform QA inspections and provide reports.
Project Description	ATCAA proposes to conduct outreach and intake applications from the neediest members of the DAC using State-approved income and eligibility guidelines. The we would send an assessor to each home to audit water usage and waste, then develop a work order of conservation measures to be installed by our work crews. We would post-inspect at least 20% of all homes for quality assurance.
Project Objective	Our goal is to decrease water consumption in low-income DAC homes by installing water conservation measures in conjunction with our existing home weatherization efforts

**Project Benefits Information**

Project Objective

**Budget**

Other Contribution	0
Local Contribution	0
Federal Contribution	0
Inkind Contribution	0
Amount Requested	200000
Total Project Cost	200000

**Geographic Information**

Latitude DD(+/-)	38	MM 2	SS 10
Longitude DD(+/-)	-119	MM 55	SS 34
Longitude/Latitude Clarification		Location	Sonora, CA
County Tuolumne, Calaveras Ground Water Basin Hydrologic Region San Joaquin WaterShed 96- Tuolumne River			

**Legislative Information**

Assembly District	5th Assembly District
Senate District	14th Senate District
US Congressional District	District 4 (CA)

**Project Information**

Project Name	GCSD/BOF (LS #16) Water Quality Protection
Implementing Organization	Groveland Community Services District
Secondary Implementing Organization	
Proposed Start Date	10/1/2013
Proposed End Date	10/1/2014
Project Scope	This reconstruction will provide a reconstructed lift station for the Big Oak Flat Community (DAC) that is reliable.
	The Groveland Community Services District, Groveland, CA (GCSD) Sewer Lift Station (#16) at the west end of the Big Oak Flat Community is in serious need of reconstruction. This sewer lift station pumps an average of 10,000 gallons of sewage a day, 365 days per year via a 7,000'+ force main up a very steep grade to a gravity break over and into a 6" gravity sewer line, which goes to the District's Sewer Treatment Plant. This is the single most needed capital improvement project in all of GCSD. The current lift station was constructed in 1976 and needs to be reconstructed in order to dramatically reduce the potential of a sewage spill into the

Project Description	adjacent Rattlesnake Creek (which is tributary to Lake Don Pedro and the Tuolumne River) in the future. The objective of this project is to not only reconstruct this lift station with state-of-the-art equipment (compatible with equipment that the District already has) but to provide redundancy and back-up pumping capability at the lift station. Should a pump at the reconstructed lift station fail or need to be removed or taken out of service for maintenance reasons, the second pump system would be put into action and the operation resume immediately. The design of this lift station reconstruction will mirror in many ways, existing lift station designs that we already have in other portions of the District, in order to keep reconstruction design costs down. This will result in simplified construction drawings and specifications (utilizing existing specifications) for use in bidding of this reconstruction work. The expected outcome of this project will be to provide a reconstructed lift station for the Big Oak Flat Community (Disadvantaged Community) that is reliable and will serve the needs of the community for many years to come.
Project Objective	The objective of this project is to reconstruct the lift station with state-of-the-art equipment, and to provide back-up pumping capability at the lift station. The sewage storage/holding capacity of this lift station will be increased over 600% reducing the possibility of spilling into Rattlesnake Creek dramatically. This will dramatically reduce the possibility of contaminating the Creek and Don Pedro Reservoir and therefore greatly improve the water quality protection for downstream users.
<b>Project Benefits Information</b>	

Project Objective

**Budget**

Other Contribution	0
Local Contribution	11740
Federal Contribution	0
Inkind Contribution	0
Amount Requested	600000
Total Project Cost	611740

**Geographic Information**

Latitude DD(+/-)	37	MM 49	SS 25
Longitude DD(+/-)	-120	MM 15	SS 42
Longitude/Latitude Clarification	Location		Big Oak Flat/ Groveland
County Tuolumne Ground Water Basin Hydrologic Region San Joaquin WaterShed 96-Tuolumne River			

**Legislative Information**

Assembly District	5th Assembly District
Senate District	14th Senate District
US Congressional District	District 4 (CA)

**Project Information**

Project Name		Upper South Fork Stanislaus River Watershed Res
Implementing Organization	Stanislaus National Forest	
Secondary Implementing Organization		
Proposed Start Date	10/1/2013	
Proposed End Date	9/30/2017	
Project Scope	Protection of water quality/ecosystem function through restoration of degraded meadows and repair of damaged road culverts.	
Project Description	<p>The Stanislaus National Forest (SNF) will implement the Upper South Fork Stanislaus River Watershed and Water Quality Enhancement Project. This watershed is a headwater source for the water supply that serves over 80% of Tuolumne County. It is of special value because it contains an unusual diversity of meadow, fen, and spring habitats and is home to rare species including the Yosemite toad, a candidate species under the Endangered Species Act. Watershed values have been placed at risk from wildfire, recreation, meadow degradation, and sedimentation. The SNF has already invested in ecosystem restoration to preserve the values of this important watershed. However, the watershed remains at risk from loss of meadow functioning and reduced water quality from road sediment inputs. The proposed project contributes to the broad scale ecosystem restoration efforts ongoing in this watershed through restoration of degraded wet meadows and repair of road culverts that are contributing sediment to aquatic ecosystems. This project would restore seven degraded meadows including Bloomer Lake Meadow, Bluff Meadow, Groundhog Meadow, and Coyote meadow where headcuts are lowering</p>	

	<p>the water table and must be stabilized to protect meadow values and ecosystem functions. The stream channel in Coyote Meadow is flowing down the Coyote Meadow trail and must be re-routed to improve water quality, prevent degradation of a nearby Yosemite toad breeding pool, and improve recreational access. The project restores Leland Gully, Upper Three Meadow, and Middle Three Meadow which have deep gullies that have dried the meadows and impaired their functioning. The project will also repair 40 road culverts in the watershed that are at-risk of failure due to damage or plugging. Repairs will allow water and sediment to pass normally through stream systems and will reduce erosion of road surfaces and fill material that is harming water quality and aquatic ecosystems.</p>
Project Objective	<p>The objective is to enhance and protect watershed values in the Upper South Fork Stanislaus River Watershed through gains in water quality, water storage, carbon storage, flood attenuation, wildlife habitat, and recreational opportunities by stabilizing headcuts in four meadows, raising the water table in three degraded meadows, and rerouting a trail segment out of Coyote Meadow. Damaged or plugged culverts that are at-risk of failure will also be maintained to proper operating condition.</p>

**Project Benefits Information**

Project Objective

**Budget**

Other Contribution	0
Local Contribution	0
Federal Contribution	386502
Inkind Contribution	0
Amount Requested	350000
Total Project Cost	736502

**Geographic Information**

Latitude DD(+/-)	38	MM 14	SS 41
Longitude DD(+/-)	-119	MM 53	SS 52
Longitude/Latitude Clarification		Location	Bluff Meadow
County Tuolumne Ground Water Basin Hydrologic Region San Joaquin WaterShed 94-Stanislaus River			

**Legislative Information**

Assembly District	5th Assembly District
Senate District	14th Senate District
US Congressional District	District 4 (CA)

**Project Information**

Project Name	Phoenix Lake Preservation and Restoration-Ph
Implementing Organization	Tuolumne Utilities District (TUD)
Secondary Implementing Organization	
Proposed Start Date	10/1/2013
Proposed End Date	12/31/2017
Project Scope	This project will improve the water quality and restore storage capacity in Phoenix Lake and its watershed.
Project Description	<p>The goal of this project is to continue the previous work completed in Phase 1 of the Phoenix Lake Preservation and Restoration project. The Plan, or Phase 1, has developed a roadmap for the TUD to restore and preserve the lake and improve the water quality in the surrounding watershed. Phase 2 of the PLPRP will do the following:</p> <ul style="list-style-type: none"> <li>• Develop complete engineering plans for the lake improvements including; dredging plans, sediment forebay design, and wetland enhancement design.</li> <li>• Complete the necessary environmental review (CEQA and NEPA).</li> <li>• Obtain the required regulatory permits and compliance for Phase 3, lake improvement implementation.</li> <li>• Purchase the required land for the sediment forebay.</li> </ul>
Project Objective	<p>Phase 2 of the PLPRP will do the following:</p> <ul style="list-style-type: none"> <li>• Develop complete engineering plans for the lake improvements including; dredging plans, sediment forebay design, and wetland enhancement design.</li> <li>• Complete the necessary environmental review (CEQA and NEPA).</li> <li>• Obtain the required regulatory permits and compliance for Phase 3, lake improvement implementation.</li> <li>• Purchase the required land for the sediment forebay.</li> </ul>

**Project Benefits Information**



Project Objective

**Budget**

Other Contribution	0
Local Contribution	72250
Federal Contribution	0
Inkind Contribution	0
Amount Requested	1700000
Total Project Cost	1772250

**Geographic Information**

Latitude DD(+/-)	37	MM 53	SS 59
Longitude DD(+/-)	-120	MM 19	SS 59
Longitude/Latitude Clarification		Location	Phoenix Lake, Sonora,
County Tuolumne Ground Water Basin Hydrologic Region San Joaquin WaterShed 96- Tuolumne			

**Legislative Information**

Assembly District	5th Assembly District
Senate District	14th Senate District
US Congressional District	District 4 (CA)

**Section : Applicant Information Question Tab**

APPLICANT INFORMATION QUESTION TAB

**Q1. PROPOSAL DESCRIPTION**

**Provide a brief abstract of the Proposal, including a listing of individual project titles. Please note which projects, if any, directly address a critical water supply or water quality issue for DACs or Native American Tribal communities.**

MSD Sprayfield Construction). This MSD facility improvement project corrects long standing treatment and disposal insufficiencies and lightens the load on regional water supplies by providing recycled water suitable for unrestricted re-use. 100% of this project addresses critical water quality/supply issues for DACs but is not requesting a match waiver. SNF Watershed Restoration and Water Quality Enhancement Project. This project contributes to broad scale ecosystem restoration in the Upper South Fork Stanislaus River Watershed through restoration of degraded wet meadows and repair of road culverts that are contributing sediment to aquatic ecosystems. Watershed values will be enhanced and protected through gains in water quality, water storage, flood attenuation, wildlife habitat, and recreational opportunities. TCRCD Landowner Stewardship Program. This stewardship program to achieve reductions in nutrient, sediment and pathogen pollution in the region's watersheds through education, outreach and implementation of BMP small acreage livestock facilities to manage drainage, mud, vegetation and manure. Approx. 22% of this project directly addresses critical water quality issues for DACs but is requesting a match waiver. ATCAA Water Conservation for the DAC. ATCAA will provide a suite of cost-effective consumer-level water conservation measures that reduce usage and the pressure on water districts to develop additional water supply. ATCAA's existing infrastructure and personnel will be used to assess water usage and waste in income households, then install appropriate conservation measures. 100% of this project directly addresses critical water quality/supply issues for DACs and is requesting a match waiver. TUD Phoenix Lake Preservation and Restoration - Phase 2. This project provides a roadmap for restoring and preserving critical functions and values of Phoenix Lake one of the primary domestic water supply sources for Tuolumne County. The project develops engineering plans for the lake improvements including; dredging plans, sediment forebay design, & wetland enhancement design; completes the necessary environmental review; and obtains the required regulatory permits and compliance for Phase 3, lake improvement implementation. Approx. 83% of this project addresses critical water supply issues for DACs and is requesting a match waiver. TRT Watershed Outreach and Stewardship. Watershed Outreach and Stewardship will focus on spreading the message about watershed health and water use efficiency while involving the community in watershed stewardship through volunteer workday activities. TRT will implement a public outreach and watershed stewardship program to engage the public in wise water use watershed stewardship. We will do this through a public education campaign that includes the internet and social media as well as presentations, news articles, and events. CC Douglas Flat/Vallecito Storage Ponds. The CCWD Douglas Flat/Vallecito Storage Pond Project will address insufficient wastewater storage capacity to reduce potential groundwater contamination and utilize recycled wastewater for agricultural and other beneficial uses in this DAC area. The project will include developing full engineering plan complete environmental review; and obtain the required regulatory permits and compliance for construction. 100% of this project directly addresses critical water quality/supply issues for DACs and is requesting a match waiver. GCSD Big Oak Flat Lift Station Reconstruction and Water Quality Protection. GCSD's reconstruction of the Big Oak Flat Sewer Lift Station will increase raw sewage storage 600% and dramatically reduce the potential of a spill into Rattlesnake Creek and Don Pedro Reservoir. 100% of this project directly addresses critical water quality and supply issues for DACs and is requesting a match waiver.

**Q2. PROJECT DIRECTOR**

**Provide the name and details of the person responsible for executing the grant agreement for the applicant. Persons that are subcontractors to be paid by the grant cannot be listed as the Project Director.**

Kirk Ford, Chair Tuolumne County Resource Conservation District Board of Directors PO Box 4394 Sonora, CA 95370 (209)984-0500 kirk@tcrd.org

**Q3. PROJECT MANAGEMENT**

**Provide the name and contact information of the Project Manager from the applicant agency or organization that will be the day-to-day contact on this application.**

Lindsay Rosasco, District Manager Tuolumne County Resource Conservation District PO Box 4394 Sonora, CA 95370 (209)984-0500 lindsay@tcrd.org

**Q4. APPLICANT INFORMATION**

**Provide the agency name, address, city, state and zip code of the applicant submitting the application.**

Tuolumne County Resource Conservation District PO Box 4394 Sonora, CA 95370

**Q5. ADDITIONAL INFORMATION**

Provide the IRWM funding area(s) in which projects are locate.

Visit the following website to locate the IRWM funding area(s).

<http://www.water.ca.gov/irwm/grants/fundingarea.cfm>

Tuolumne-Stanislaus IRWM Region

**Q6. DAC WAIVER COST SHARE REQUEST:**

Are you applying for a DAC cost share waiver? If yes, complete attachment 10.

Yes

**Q7. RESPONSIBLE REGIONAL WATER QUALITY CONTROL BOARD(S) (RWOCB)**

List the name of the Regional Water Quality Control Board (RWQCB) in which your proposal is located. For a region that extends beyond more than one RWQCB boundary, list the name of each Board.

Visit the following website to find the RWQCB for a particular location:

[http://www.waterboards.ca.gov/waterboards\\_map.shtml](http://www.waterboards.ca.gov/waterboards_map.shtml)

Central Valley RWQCB (5S) Sacramento Office 11020 Sun Center Drive, #200 Rancho Cordova, CA 95670-6114

**Q8. ELIGIBILITY**

The Implementation Grant Program requires a minimum funding match of 25% of total project cost unless there is a DAC project included in the proposal. Requirements for DAC funding match reductions are included in Exhibit E of this PSP. Are your matching funds less than 25%? If so, please explain.

Yes. Total Project Budget is \$4,633,265 with a match of \$993,265 or 21.44% as outlined in Table 8, Summary Budget in Attachment 4. Four of the eight projects in this proposal (representing 60% of overall project costs) have requested DAC waivers as described in Attachment 10.

**Q9. ELIGIBILITY**

Does the application represent a single application from an IRWM Region approved in the RAP? To verify, see RAP website:

<http://www.water.ca.gov/irwm/grants/rap.cfm> If yes, include the name of the IRWM Region. If no, please explain.

Yes. Tuolumne-Stanislaus IRWM Region

**Q10. ELIGIBILITY**

Please specify whether the applicant is a local public agency or non-profit organization as defined in Appendix B of the 2012 Guidelines.

The applicant is a Special District regulated under Division 9 of the Public Resources Code and as such is considered a local public agency as defined in Appendix B of the 2012 Guidelines.

**Q11. ELIGIBILITY**

List the urban water suppliers that will receive funding from the proposed grant. Please provide the agency name, a contact phone number and e-mail address. Those listed must submit self certification of compliance with CWC §525 et seq. and AB 1420, see Attachment 11. Answer "NA", if there are no urban water suppliers that will receive funding from the proposed grant.

Tuolumne Utilities District 18885 Nugget Blvd. Sonora, CA 95370 (209) 532-5536 info@tuolumneutilities.com Calaveras County Water District 423 East St. Charles St PO 846 San Andreas, CA 95249 (209) 754-3102 jeffreym@ccwd.org Groveland Community Services District 18966 Ferretti Road P.O. Box 350 Groveland, CA 95321 (209) 97161 Ext. 33 gmello@gcsd.org Attachment 11 is provided for all three.

**Q12. ELIGIBILITY**

Have all of the urban water suppliers, listed in Q11 above, submitted complete Urban Water Management Plans (UWMPs), to DWR? Have those plans been verified as complete by DWR? If not, explain and provide the anticipated date for having a complete UWMP.

Answer "NA" if no urban water supplier identified in Q11 above.

TUD: Yes CCWD: Yes GCSd: GCSd submitted an UWMP to DWR on January 15, 2013. We are working with DWR (Elizabeth Vail) to obtain approval. GCSd's UWMP being reviewed and will be approved/complete by September 2013.

**Q13. ELIGIBILITY**

Have any urban water suppliers, listed in Q11, submitted AB 1420 compliance tables and supporting documentation to DWR for a different grant program on or after January 1, 2013? If so, please list the urban water supplier and the grant program. An urban water supplier must submit AB 1420 compliance documentation to DWR. If the urban water supplier has not submitted AB 1420 documentation, or that documentation was determined to be incomplete by DWR, the urban water supplier's projects will not be considered eligible for grant funding. Refer to Section IIIB of the 2012 Guidelines for additional information.

Answer "NA" if no urban water supplier identified in Q11 above.

TUD: Yes, current AB 1420 compliance tables are provided in Attachment 11 CCWD: No, current AB 1420 compliance tables are provided in Attachment 11 GCSd: No, current AB 1420 compliance tables are provided in Attachment 11 One "Wet signed" hard copy is also provided

**Q14. ELIGIBILITY**

Does the Proposal include any groundwater projects or other projects that directly affect groundwater levels or quality? If so, provide the name(s) of the project(s) and list the agency(ies) that will implement the project(s).

Answer "NA" if the Proposal does not include groundwater projects or other projects that directly affect groundwater levels or quality.

NA

**Q15. ELIGIBILITY**

For the agency(ies) listed in Q14, how has the agency complied with CWC §10753 regarding Groundwater Management Plans (GWMPs), as described in Section III.B of the 2012 Guidelines?

Answer "NA" if the Proposal does not include groundwater projects or other projects that directly affect groundwater levels or quality.

NA

**Q16. ELIGIBILITY**

Does the IRWM region receive water supplied from the Sacramento-San Joaquin Delta? Please answer yes or no. If no, please explain.

No, the IRWM region is located upstream of the Sacramento-San Joaquin Delta and does not receive water supplied from the Sacramento-San Joaquin Delta.

**Q17. ELIGIBILITY**

Does the existing IRWM Plan help reduce dependence on the Sacramento-San Joaquin Delta for water supply? Please answer yes or no. If no, please explain. If yes, please complete attachment 13.

NA

**Q18. ELIGIBILITY**

If an update to the IRWM plan will take place in the near future, will the updated plan continue to reduce dependence on the Sacramento-San Joaquin Delta for water supply? Please answer yes or no. If no, please explain. If yes, please complete Attachment 13.

NA

**Q19. ELIGIBILITY**

List the agricultural water suppliers that will receive funding from the proposed grant. Please provide the agency/organization name, a contact phone number and e-mail address. If there are none, please indicate so.

Tuolumne Utilities District 18885 Nugget Blvd. Sonora, CA 95370 (209) 532-5536 info@tuolumneutilities.com

**Q20. ELIGIBILITY**

Have all of the agricultural water suppliers, listed in Q19 above, submitted complete Agricultural Water Management Plan to DWR? Have those plans been verified as complete by DWR? If the plan has not been submitted, please indicate the anticipated submittal date.

Answer "NA" if no agricultural water suppliers identified in Q19 above.

Tuolumne Utilities District (TUD) does not maintain an Agricultural Water Management Plan per the following: TUD serves less than 10,000 acres of irrigated Agricultural land. According to the DWR Guidebook to Assist Agricultural Water Suppliers to Prepare a 2012 Agricultural Water Management Plan, September 10, 2012, an "Agricultural water supplier" is defined as a water supplier, either publicly or privately owned, providing water to 10,000 or more irrigated acres, excluding recycled water. The total combined acres of irrigated land served by TUD is far less than 10,000 acres.

**Q21. ELIGIBILITY**

List the surface water diverters that will receive funding from the proposed grant. Please provide the agency/organization name, a contact phone number and e-mail address. If there are none, please indicate so.

Tuolumne Utilities District 18885 Nugget Blvd. Sonora, CA 95370 (209) 532-5536 info@tuolumneutilities.com Calaveras County Water District 423 East St. Charles St PO 846 San Andreas, CA 95249 (209) 754-3102 jeffrey@ccwd.org

**Q22. ELIGIBILITY**

Have all of the surface water diverters, listed in Q21 above, submitted to the State Water Resources Control Board surface water diversion reports in compliance with requirements outlined in Part 5.1 (commencing with §5100) of Division 2 of the CWC? If not, explain and provide the anticipated date for meeting the requirements.

Answer "NA" if no surface water diverters identified in Q21 above.

TUD: Yes. CCWD: Yes

**Q23. ELIGIBILITY**

List the groundwater users that will receive funding from the proposed grant. Please provide the agency/organization name, a contact phone number and e-mail address. If there are none, please indicate so.

Tuolumne Utilities District 18885 Nugget Blvd. Sonora, CA 95370 (209) 532-5536 info@tuolumneutilities.com

**Q24. ELIGIBILITY**

Have all of the groundwater users, listed in Q23 above, met the requirements of DWR's CASGEM Program:

<http://www.water.ca.gov/groundwater/casgem/>? If not, explain and provide the anticipated date for meeting the requirements.

Answer "NA" if no groundwater users identified in Q23 above.

No. TUD uses groundwater. TUD does not take part of the CASGEM program as described below: There are no groundwater basins in Tuolumne County. Groundwater from wells provides approximately five (5) percent of the domestic water supplied annually to TUD customers. The majority of available groundwater is transient and found in fractured rock. The County is located within the foothills and higher elevations of the Sierra Nevada where the subsurface material consists primarily of impermeable granitic and green bedrock which can result in a low groundwater yield. DWR's Bulletin 118 provides a detailed description of groundwater basins in California, but the DWR Bulletin does not identify or describe any groundwater basins in Tuolumne County.

**Section : Application Attachments Tab****APPLICATION ATTACHMENTS TAB****ATTACHMENT 1: AUTHORIZATION AND ELIGIBILITY REQUIREMENTS**

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload authorization and eligibility documentation here. This field is mandatory.

Last Uploaded Attachments: Att1\_IG2\_TuolStan\_Eligible\_1of1.pdf

Upload additional authorization and eligibility documentation here, if necessary.

#### **ATTACHMENT 2: ADOPTED PLAN AND PROOF OF FORMAL ADOPTION**

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload adopted plan and proof of formal adoption documentation here. This field is mandatory.

Last Uploaded Attachments: Att2\_IG2\_TuolStan\_Adopt\_1of1.pdf

Upload additional adopted plan and proof of formal adoption documentation here, if necessary.

Upload additional adopted plan and proof of formal adoption documentation here, if necessary.

#### **ATTACHMENT 3: WORK PLAN**

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload work plan documentation here. This field is mandatory.

Last Uploaded Attachments: Att3\_IG2\_TuolStan\_WorkPlan\_1of5.pdf

Upload additional work plan components here, if necessary.

Last Uploaded Attachments: Att3\_IG2\_TuolStan\_WorkPlan\_2of5.pdf

Upload additional work plan components here, if necessary.

Last Uploaded Attachments: Att3\_IG2\_TuolStan\_WorkPlan\_3of5.pdf

Upload additional work plan components here, if necessary.

Last Uploaded Attachments: Att3\_IG2\_TuolStan\_WorkPlan\_4of5.pdf

Upload additional work plan components here, if necessary.

Last Uploaded Attachments: Att3\_IG2\_TuolStan\_WorkPlan\_5of5.pdf

#### **ATTACHMENT 4: BUDGET**

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload budget documentation here. This field is mandatory.

Last Uploaded Attachments: Att4\_IG2\_TuolStan\_Budget\_1of1.pdf

Upload additional budget components here, if necessary.

Upload additional budget components here, if necessary.

Upload additional budget components here, if necessary.

#### **ATTACHMENT 5: SCHEDULE**

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload schedule documentation here. This field is mandatory.

Last Uploaded Attachments: Att5\_IG2\_TuolStan\_Schedule\_1of1.pdf

Upload additional schedule components here, if necessary.

Upload additional schedule components here, if necessary.

**ATTACHMENT 6: MONITORING, ASSESSMENT, AND PERFORMANCE MEASURES**

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload monitoring, assessment, and performance measures documentation here. This field is mandatory.

Last Uploaded Attachments: Att6\_IG2\_TuolStan\_Measures\_1of1.pdf

Upload additional monitoring, assessment, and performance measures here, if necessary.

Upload additional monitoring, assessment, and performance measures here, if necessary.

**ATTACHMENT 7: TECHNICAL JUSTIFICATION OF PROJECT PHYSICAL BENEFITS**

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload technical justification of project physical benefits documentation here. This field is mandatory.

Last Uploaded Attachments: Att7\_IG2\_TuolStan\_TechJust\_1of2.pdf

Upload additional technical justification of project physical benefits here, if necessary.

Last Uploaded Attachments: Att7\_IG2\_TuolStan\_TechJust\_2of2.pdf

Upload additional technical justification of project physical benefits here, if necessary.

Upload additional technical justification of project physical benefits here, if necessary.

**ATTACHMENT 8: BENEFITS AND COST ANALYSIS**

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload benefits and cost analysis documentation here. This field is mandatory.

Last Uploaded Attachments: Att8\_IG2\_TuolStan\_BenCost\_1of1.pdf

Upload additional benefits and cost analysis documentation here, if necessary.

Upload additional benefits and cost analysis documentation here, if necessary.

Upload additional benefits and cost analysis documentation here, if necessary.

**ATTACHMENT 9: PROGRAM PREFERENCES**

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload program preferences documentation here. This field is mandatory.

Last Uploaded Attachments: Att9\_IG2\_TuolStan\_Preference\_1of1.pdf

Upload additional program preferences documentation here, if necessary.

**ATTACHMENT 10: DISADVANTAGED COMMUNITY ASSISTANCE**

This attachment is required only if the proposal includes a project that specifically addresses a need of a DAC. Please refer to PSP for detail information.

If this attachment does not apply to your proposal, you MUST still upload a document that indicates this attachment is not applicable. If the upload field to this attachment is left blank, your proposal cannot be saved or completed.

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload disadvantaged community assistance documentation here. This field is mandatory.

Last Uploaded Attachments: Att10\_IG2\_TuolStan\_DAC\_1of1.pdf

Upload additional disadvantaged community assistance documentation here, if necessary.

Upload additional disadvantaged community assistance documentation here, if necessary.

#### **ATTACHMENT 11: GWMP, AB 1420, AND WATER METER COMPLIANCE INFORMATION**

If your proposal does not include 1) a groundwater project or a project that directly affects groundwater levels or quality, or 2) an urban water supplier who would receive grant funding, you **MUST** still upload a document that indicates this attachment is not applicable to your proposal. If the upload field to this attachment is left blank, your proposal cannot be saved or completed.

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload GWMP, AB1420, and water meter compliance documentation here. This field is mandatory.

Last Uploaded Attachments: Att11\_IG2\_TuolStan\_SelfCert\_1of1.pdf

Upload additional GWMP, AB1420, and water meter compliance information documentation here, if necessary.

Upload additional GWMP, AB1420, and water meter compliance information documentation here, if necessary.

Upload additional GWMP, AB1420, and water meter compliance information documentation here, if necessary.

Upload additional GWMP, AB1420, and water meter compliance information documentation here, if necessary.

#### **ATTACHMENT 12. CONSENT FORM**

This attachment is required only if the proposal is utilizing an IRWM Plan that was adopted on or before September 30, 2008. The Consent Form contained in Exhibit F of the PSP must be signed and submitted in hard copy. Please refer to PSP for more information.

If this attachment does not apply to your proposal, you **MUST** still upload a document that indicates this attachment is not applicable. If the upload field to this attachment is left blank, your proposal cannot be saved or completed.

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload the signed consent form here. This field is mandatory.

Last Uploaded Attachments: Att12\_IG2\_TuolStan\_Consent\_1of1.pdf

#### **ATTACHMENT 13: IRWM PLAN - REDUCED DELTA WATER DEPENDENCE**

This attachment is required only if the IRWM region receives water supplied from the Sacramento-San Joaquin Delta. Attachment 13 must summarize the portions of the plan that address how implementation of the IRWM Plan will help reduce dependence on the Sacramento-San Joaquin Delta for water supply, and include relevant plan excerpts to support the summary. Please refer to PSP for detail information.

If this attachment does not apply to your proposal, you **MUST** still upload a document that indicates this attachment is not applicable. If the upload field to this attachment is left blank, your proposal cannot be saved or completed.

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload the summary of IRWM Plan here. This field is mandatory.

Last Uploaded Attachments: Att13\_IG2\_TuolStan\_Delta\_1of1.pdf