

### Proposal Full View

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#### Applicant Information

Organization Name Calaveras County Water District \*

Tax ID **941582070**

Proposal Name Phase 1: Stanislaus River Reconnaissance-level Conjunctive Use Evaluation \*

Proposal Objective The objective of the CCWD Phase 1--Stanislaus River Reconnaissance-Level Conjunctive Use Evaluation is to estimate upstream water supply and potential downstream groundwater storage to conjunctively manage the water resources of the Stanislaus River watershed. \*

#### Budget

Other Contribution	\$0.00
Local Contribution	\$0.00
Federal Contribution	\$0.00
Inkind Contribution	\$0.00
Amount Requested	\$249,105.00 *
Total Project Cost	\$249,105.00 *

#### Geographic Information

Latitude \* DD(+/-)  MM  SS

Longitude \* DD(+/-)  MM  SS

Longitude/Latitude Clarification The project encompasses both Calaveras County Water District and Oakdale Irrigation District areas but the groundwater portion of the project is in Oakdale's sphere of influence.

Location Is the Oakdale Irrigation District office location.

County Calaveras, Stanislaus \*

Ground Water Basin San Joaquin Valley-Eastern San Joaquin, San Joaquin Valley-Modesto

Hydrologic Region San Joaquin

Watershed 94 6534 Stanislaus River and 95 6535 San Joaquin Valley Floor

#### Legislative Information

Assembly District 4th Assembly District \*

Senate District 1st Senate District \*

US Congressional District District 3 (CA) \*

#### Project Information

Project Name Phase 1: Stanislaus River Reconnaissance-lev

Implementing Organization	Calaveras County Water District
Secondary Implementing Organization	Oakdale Irrigation District
Proposed Start Date	4/1/2013
Proposed End Date	10/31/2014
Project Scope	The scope of work includes: Collect and Review Data, Outreach, Evaluate Water Supply and Conjunctive use Opportunities.
Project Description	The main goal of the project is to evaluate the feasibility of conjunctive use in the Stanislaus River watershed by: • estimating upstream surface water availability from Calaveras County Water District (CCWD) both seasonally and under a range of hydrologic conditions under both existing and future municipal/industrial and agricultural demands within CCWD, • assessing groundwater storage opportunities in the Oakdale Irrigation District (OID) Sphere of Influence, which overlies portions of the Modesto and San Joaquin groundwater subbasins, and • using the above information to evaluate the feasibility of conjunctively managing the surface water and groundwater resources to the benefit of the Stanislaus River watershed. The benefits to CCWD and OID will include increased reliability of water supply within the watershed and adjacent groundwater basins as a whole and potential for further development of agricultural, municipal and industrial water uses and associated economic development in both the upper and lower Stanislaus River watershed and

	adjacent groundwater basins while sustaining environmental and hydropower needs. The evaluation identified above will be accomplished by completing the following tasks, described in greater detail in Attachment 5 – Workplan. Task 1 - Collect and Review Baseline Information Task 2- Stakeholder Outreach Task 3 - Evaluate Water Supply Availability Task 4 – High-Level Screening of Conjunctive Use Opportunities within OID Task 5 – Focused Analysis of Specific Conjunctive Use Areas Task 6 - Identification and Evaluation of Infrastructure for Conjunctive Use Task 7 - Prepare Draft and Final Report Task 8 - Project Management and Quality Assurance/Quality Control
Project Objective	The objective of the CCWD Phase 1–Stanislaus River Reconnaissance-Level Conjunctive Use Evaluation is to estimate upstream water supply and potential downstream groundwater storage to conjunctively manage the water resources of the Stanislaus River watershed.

**Project Benefits Information**

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Water Storage -- Conjunctive-Water Supply Enhancement	0	Conjunctively manage the surface water and groundwater resources to benefit the Stanislaus River watershed.

Project Objective

**Budget**

Other Contribution	0
Local Contribution	0
Federal Contribution	0
Inkind Contribution	0
Amount Requested	249105
Total Project Cost	249105

**Geographic Information**

Latitude DD(+/-)	37	MM 46	SS 12
Longitude DD(+/-)	120	MM 50	SS 16

Longitude/Latitude Clarification  Location  County Calaveras, Stanislaus Ground Water Basin San Joaquin Valley-Eastern San Joaquin, San Joaquin Valley-Modesto Hydrologic Region San Joaquin WaterShed 94 6534 Stanislaus River and 95 6535 San Joaquin Valley Floor

**Legislative Information**

Assembly District	4th Assembly District
Senate District	1st Senate District
US Congressional District	District 3 (CA)

**Section : Applicant Information and Question's Tab**

APPLICANT INFORMATION AND QUESTION'S TAB

**Q1. Applicant Information**

Provide the agency name, address, city, state, and zip code of the applicant submitting the application.  
 Calaveras County Water District PO Box 846 423 East St. Charles Street San Andreas, CA 95249

**Q2. Proposal Description:**

Provide a brief abstract of the Proposal. This abstract must provide an overview of the proposal including the main issues and priorities addressed in the proposal. Within the abstract, please describe how the proposal relates to the GWMP's BMO's.

This proposal is to evaluate the feasibility of and potential for conjunctive use (CU) in the Stanislaus River watershed by: \* estimating upstream surface water (SW) availability from Calaveras County Water District (CCWD) both seasonally and under a range of hydrologic conditions for existing and future demands, \* assessing groundwater (GW) storage opportunities in the Oakdale Irrigation District's (OID) existing Sphere of Influence, and \* using the above information to evaluate the feasibility of conjunctively managing the SW and GW resources to the benefit of the Stanislaus River watershed and nearby GW basins. Potential benefits include increased reliability of water supply within the entire watershed and meeting current and future agricultural, municipal and industrial water uses in both the upper and lower Stanislaus River watershed while sustaining environmental and hydropower needs. The main issue addressed is optimizing the use of SW and GW within the Stanislaus River watershed. Conjunctively managing SW and GW is a statewide priority as well as a regional priority articulated in the actions of CCWD to investigate CU and in the Basin Management Objectives (BMOs) of the Integrated Regional GW Management Plan (IRGMP) for a planning area comprised of the Modesto and Eastern San Joaquin GW subbasins. One of the key BMOs identified in the IRGMP is to "maintain GW levels through identification and feasibility evaluation of CU projects". BMOs specific to the OID portion of the planning area include "2. Manage GW and SW resources conjunctively including investigate feasibility of CU and GW recharge projects". This proposal is a collaboration between the upstream Stanislaus River water agency, CCWD, which has available SW but limited areas for GW

replenishment and storage for CU and a downstream Stanislaus River water agency, OID which overlies about 72,500 acres of the Modesto and Eastern San Joaquin GW subbasins, which presents a significant opportunity for CU. The benefits to CCWD and OID will include increased reliability of water supply within the watershed and adjacent groundwater basins as a whole and potential for further development of agricultural, municipal and industrial water uses and associated economic development in both the upper and lower Stanislaus River watershed and adjacent groundwater basins while sustaining environmental and hydropower needs. This conjunctive-use feasibility project is directly related to the purpose of the IRGM which is to provide a framework for coordinating groundwater and surface water management activities, for a planning area comprised of the entire Modesto Groundwater subbasin and a part of the Eastern San Joaquin Groundwater subbasin. The goal of the IRGMP is to provide for the integrated use of groundwater and surface within the basin to ensure the reliability of a long-term water supply to meet current and future beneficial uses including agricultural, industrial, and municipal water requirements while protecting the environment. While the CCWD portion of the Stanislaus River watershed has limited groundwater basins as defined by the Department of Water Resources (DWR) in Bulletin 118, CCWD has prepared a groundwater management plan (GWMP) and explored conjunctive use for the Camanche/Valley Springs area on the Calaveras River. In addition, CCWD has participated in conjunctive use studies of the Mokelumne River. Both the Calaveras and Mokelumne Rivers flow over a portion of the Eastern San Joaquin Groundwater subbasin. Therefore, the Phase 1: Stanislaus River Reconnaissance-level Conjunctive Use Evaluation is directly relevant to the IRGMP for the Modesto and East San Joaquin groundwater subbasins and supported by the actions of CCWD in conjunctive use in their service area.

**Q3. Project Director:**

**Provide the name and details (including email) 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.**

Lynn Gentry Interim General Manager 209-754-3132 lynnng@ccwd.org PO BOX 846 423 East St. Charles Street San Andreas, CA 95249

**Q4. Project Manager:**

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

Larry Diamond Assistant to the General Manager 209-754-3004 larryd@ccwd.org PO BOX 846 423 East St. Charles Street San Andreas, CA 95249

**Q5. Additional Information:**

**Based on the region's location, what is the applicable DWR region office (Northern, North Central, South Central, or Southern)? The following link can be used to view each DWR region office boundaries:**

[http://www.water.ca.gov/groundwater/groundwater\\_basics/gw\\_contacts\\_info.cfm](http://www.water.ca.gov/groundwater/groundwater_basics/gw_contacts_info.cfm)

- 1)  Northern Region
- 2)  North Central Region
- 3)  South Central Region
- 4)  Southern Region

**Q6. Additional Information:**

**Provide the Date of GWMP Adoption, if any, and list the pursuant Water Code Section or other legal Authority in which it was adopted.**

The Intregated Regional Groundwater Management Plan for the Modesto Sub-Basin was adopted on August 2, 2005; by Oakdale Irrigation District Resolution No. 2005-23.

**Q7. Additional Information:**

**Provide a list of documents that support and indicate collaboration with other local public agencies with regard to the management of the affected groundwater basin (e.g., MOUs, MOAs, JPAs, adoption of a GWMP, recognition of county ordinances in permitting processes, or party to a groundwater basin adjudication order).**

Memorandum of Understanding for the formation and operation of the Stanislaus and Tuolumne Rivers Groundwater Basin Association was adopted by the following agencies: City of Modesto - Resolution No. 2010-137 Modesto Irrigation District - Resolution No. 2010-125 City of Oakdale - Resolution No. 2010-31 Oakdale Irrigation District - Resolution No. 2010-53 City of Riverbank - Resolution No. 2010-101

**Q8. Additional Information**

**Name the entity(ies) providing the fund(s) reported in the above Budget section under the category "Other Contribution". If there are no "Other Contributions" Please answer this question with, "No Other Contributions".**

No Other Contributions

**Q9. Eligibility:**

**List the urban water suppliers that will receive funding from the proposed grant. Please provide the agency name, a contact phone number and email address. Those listed must submit self certification of compliance with CWC §525 et seq. and AB1420, see Attachment 10. If there are none, so indicate.**

Calaveras County Water District 209-754-3543 larryd@ccwd.org

**Q10. Eligibility:**

**Have all of the urban water suppliers, listed in Q9 above, submitted complete 2010 UWMP to DWR? If not, explain why. Have those plans been verified as complete by DWR? If not, explain current status.**

Yes, the Calaveras County Water District 2010 UWMP was submitted and verified complete by DWR on February 13, 2012.

**Q11. Completeness Check:**

**Have all of the fields in the application been completed?**

Yes

**Q.11. Completeness Check (cont)**

If no, please explain. If yes, answer this question with "NA".

NA

## Section : Application Attachments Tab

### APPLICATION ATTACHMENTS TAB

#### Attachment 1. Authorizing Documentation

Upload authorizing documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att1\_LGA12\_CCWD\_AuthDoc\_1of1.pdf

#### Attachment 2. Eligible Applicant Documentation

Upload eligible documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att2\_LGA12\_CCWD\_EligDoc\_1of1.pdf

#### Attachment 3. Status of GWMP

Upload the GWMP documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att3\_LGA12\_CCWD\_GWMP\_1of1.pdf

#### Attachment 4. Project Description

Upload project description here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att4\_LGA12\_CCWD\_ProjD\_1of1.pdf

#### Attachment 5. Work Plan

Upload work plan here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att5\_LGA12\_CCWD\_WrkPlan\_1of1.pdf

#### Attachment 6. Budget

Upload budget here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att6\_LGA12\_CCWD\_BUDGET\_1of1.pdf

#### Attachment 7. Schedule

Upload schedule here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att7\_LGA12\_CCWD\_SCHED\_1of1.pdf

#### Attachment 8. Quality Assurance

Upload quality assurance documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att8\_LGA12\_CCWD\_QA\_1of1.pdf

#### Attachment 9. Past Performance

Upload past performance documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att9\_LGA12\_CCWD\_PERFORM\_1of1.pdf

#### Attachment 10. AB1420 and Water Meter Implementation Compliance

Upload 1420 and water meter implementation documentation here, if applicable. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att10\_LGA12\_CCWD\_1420\_1of1.pdf