

## Proposal Full View

Print

### Applicant Information

Organization Name Placer County Water Agency \*

Tax ID **999999937**

Proposal Name **MARTIS VALLEY  
MONITORING WELL  
INSTALLATION PROGRAM** \*

Proposal Objective **Install new wells to develop better basin coverage of groundwater gradients, improve understanding of seasonal and long term groundwater elevation trends, and identify sources of recharge and the protection of recharge areas.** \*

### Budget

Other Contribution	\$0.00
Local Contribution	\$0.00
Federal Contribution	\$0.00
Inkind Contribution	\$25,000.00
Amount Requested	\$249,922.00
Total Project Cost	\$274,922.00

### Geographic Information

Latitude \* DD(+/-) 39 MM 19 SS 39

Longitude \* DD(+/-) -120 MM 8 SS 44

Longitude/Latitude Clarification Location

County Placer \*

Ground Water Basin Martis Valley

Hydrologic Region North Lahontan

Watershed Truckee River

### Legislative Information

Assembly District 3rd Assembly District \*

Senate District 1st Senate District \*

US Congressional District District 4 (CA) \*

# Project Information

Project Name MARTIS VALLEY MONITORING W

Implementing Organization	Placer County Water Agency
Secondary Implementing Organization	
Proposed Start Date	4/1/2013
Proposed End Date	12/26/2014
Project Scope	Select locations for three wells, install three groundwater monitoring wells, monitor groundwater for 1 yr, and report.
Project Description	The study will consist of the selection the location for and installation of three new monitoring wells on property of three key groundwater stakeholders: Placer County Water Agency (PCWA), Truckee-Donner Public Utility District (TDPUD), and Northstar Community Services District (NCS D). The study scope of work includes the following general work tasks: 1. Conduct a siting study to locate three monitoring wells; potentially one each on property currently owned by NCS D, PCWA, and TDPUD. 2. Complete CEQA, well permitting, and property access agreement activities. 3. Install and develop three monitoring wells including logging the borehole cuttings, and conducting a survey of each well location and elevation. 4. Collect 1 year of groundwater elevations (2 events) and one set (one event) of groundwater quality samples once the wells are properly developed. Analyze samples for key chemical constituents. 5. Reporting results to the Stakeholder Working Group (SWG), DWR and the public.
Project Objective	The objectives of the study are to expand the Martis Valley Basin groundwater monitoring well network in order to improve the long term monitoring data set, and increase the understanding of critical recharge areas and groundwater/surface water interaction in the Basin.

## Project Benefits Information

Project Benefit	Benefit Type	Measurement	Description

<b>Type</b>			
Primary	Water Storage -- Groundwater-0 Water Supply Enhancement		Improve basin monitoring well network and increase understanding of groundwater recharge

Project Objective

**Budget**

Other Contribution	<input type="text" value="0"/>
Local Contribution	<input type="text" value="0"/>
Federal Contribution	<input type="text" value="0"/>
Inkind Contribution	<input type="text" value="25000"/>
Amount Requested	<input type="text" value="249922"/>
Total Project Cost	<input type="text" value="274922"/>

**Geographic Information**

Latitude DD(+/-)	<input type="text" value="39"/>	MM	<input type="text" value="19"/>	SS	<input type="text" value="39"/>
Longitude DD(+/-)	<input type="text" value="-120"/>	MM	<input type="text" value="8"/>	SS	<input type="text" value="44"/>
Longitude/Latitude Clarification	<input type="text"/>	Location	<input type="text"/>		

County Placer Ground Water Basin Martis Valley Hydrologic Region North Lahontan WaterShed  
 Truckee River

**Legislative Information**

Assembly District	3rd Assembly District
Senate District	1st Senate District
US Congressional District	District 4 (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.**

Placer County Water Agency 144 Ferguson Road, P.O. Box 6570 Auburn, CA 95604 Telephone:  
(530) 823-4850

**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 project proposes to select locations, install and monitor three new depth-discreet monitoring wells in the Martis Valley Groundwater basin. The new wells proposed by this project will meet the requirements that have been established for inclusion in the Martis Valley Groundwater Monitoring Program and will supplement data being compiled for the updated Martis Valley Groundwater Management Plan. This Monitoring Program combines efforts to satisfy the local and state requirements for a monitored groundwater basin where semi-annual monitoring began in the spring 2012 by the Martis Valley Partners - Placer County Water Agency (PCWA), Truckee-Donner Public Utilities District (TDPUD), and Northstar Community Services District (NCSD). There are a limited number of wells available to monitor the Martis Valley basin; three of which are currently monitored by the TDPUD and 2 are monitored by the DWR (see Figure 1 attached). However, the number of active wells currently monitored has decreased by over 25% since 1993, which considering the very complex geologic and hydrogeologic structure, additional depth-discreet wells are required. This project proposes to install three new monitoring wells, designed to discreetly monitor shallow groundwater, to improve the coverage of groundwater elevation data points that are available to the Martis Valley basin monitoring program. The new wells will develop better basin coverage of groundwater gradients, improve understanding of seasonal and long term groundwater elevation trends, and identify sources of recharge. In addition, the wells will be located strategically to address some specific technical issues that will improve key areas of understanding of the Martis Valley basin as well as significantly improve future calibration efforts for the companion Martis Valley groundwater model associated with the GMP. This study will consist of 5 primary components: 1. Conduct a siting study to locate depth-discreet three monitoring well on property currently owned by NCSD, PCWA, and TDPUD. 2. Once the prospective locations have been selected, the technical team will permit the wells, and complete CEQA documentation. 3. Once permitted, the wells will be drilled, installed, and developed. Each well will be installed using mud rotary or air rotary techniques. 4. Groundwater elevations and groundwater quality samples will be collected once the wells are properly developed. 5. A report will be prepared to summarize and document field work and analytical data. The data collected from the 2013 Study will result in: ? Detailed stratigraphic data to expand the understanding of shallow basin stratigraphy in three new areas. These data will be interpreted by a California certified hydrogeologist and incorporated into the basin conceptual model; ? Water level elevations will be provided from new areas to assess groundwater surface water interaction, and recharge in the southeastern portion of the basin; ? General chemistry data and isotope data from all three wells will provide data on potential recharge sources for the areas of the in the study; ? Three new depth-discreet monitored long-term points will be available for inclusion in the basin groundwater monitoring program. The elevation data gathered as part of this program will be included as part of the California Statewide Groundwater Elevation Monitoring (CASGEM) Program. The methods used to install the wells, perform the sampling, and collect data are consistent with those used as part of on-going groundwater monitoring and evaluations in the Martis Valley basin. These data will be compiled and interpreted by a California certified hydrogeologist to evaluate the state of groundwater flow and the ability of the Martis Valley sub basin aquifers to meet the demands of the stakeholder agencies.

**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.**

Joe Parker, CPA will be the Project Director for this grant. Mr. Parker serves as the PCWA Director of Financial Services, is a Certified Public Accountant, has over 25 years of experience, and oversees all Agency financials matters, including grant programs. He can be reached at 530-823-4875 (telephone) and [jparker@pcwa.net](mailto:jparker@pcwa.net) (email).

**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.**

Tony Firenzi, PE will be the project manager for this grant. Mr. Firenzi is a Senior Engineer for PCWA, is a California PE, has over 15 years of experience and serves as the project manager for the Martis Valley Groundwater Management Plan project. He can be reached at 530-823-4956 (telephone) and [tfirenzi@pcwa.net](mailto:tfirenzi@pcwa.net) (email).

**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.**

On November 7, 1996, PCWA adopted Resolution 96-13 declaring the intention to prepare a GWMP for the PCWA Groundwater Management Area for Martis Valley. the Groundwater Management pan was officially adopted on October 6, 1998. On April 7, 2011 PCWA Board of Directors adopted Resolution No. 11-13 declaring the intention to prepare, adopt, and implement an updated Martis Valley Groundwater Management Plan. The updated Martis Valley GMP is currently in progress with significant efforts made toward developing draft goals, objectives and implementation actions with a Stakeholder Working Group and public input. The Martis Valley GMP is on schedule to be adopted by each partnership agency by March 2013.

**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).**

Martis Valley Groundwater Management Plan (updated). On April 7, 2011 PCWA Board of Directors adopted Resolution No. 11-13 declaring the intention to prepare, adopt, and implement an updated Martis Valley Groundwater Management Plan. The updated Martis Valley GMP is currently in progress with significant efforts made toward developing draft goals, objectives and implementation actions. This new plan is a collaboration between PCWA, the Northstar Community Services District, and the Truckee-Donner Public Utilities District. PCWA, NCSD, and TDPUD will also be collaborating on the execution of this monitoring well installation project. The (new) Martis Valley GMP is on schedule to be adopted by each partnership agency by March 2013.

**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".**

Placer County Water Agency will provide in-kind staff time.

**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.**

Placer County Water Agency Tony Firenzi, Senior Engineer (530) 823-4965 tfirenzi@pcwa.net

**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 Agency's plan has been submitted and verified as complete.

**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\_PCWA\_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\_PCWA\_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\_LGA\_PCWA\_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\_PCWA\_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\_PCWA\_WrkPln\_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\_PCWA\_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\_PCWA\_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\_LPG12\_PCWA\_QA\_1of1.pdf

### **Attachemnt 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\_PCWA\_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\_PCWA\_1420\_1of1.PDF

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