

## Proposal Full View

### Applicant Information

Organization Name  \*

Tax ID **123633043**

Proposal Name Anza-Terwilliger Groundwater Monitoring Program and Groundwater Recharge Map Project \*

Proposal Objective The proposed project would develop and implement a Groundwater Monitoring Program, update a soils map, develop a Groundwater Recharge Map, and conduct a public outreach effort as steps toward the future development and adoption of a Groundwater Management Plan. \*

### Budget

Other Contribution	<input type="text" value="\$0.00"/>
Local Contribution	<input type="text" value="\$0.00"/>
Federal Contribution	<input type="text" value="\$0.00"/>
Inkind Contribution	<input type="text" value="\$19,000.00"/>
Amount Requested	<input type="text" value="\$117,500.00"/> *
Total Project Cost	<input type="text" value="\$136,500.00"/> *

### Geographic Information

Latitude \* DD(+/-)  MM  SS

Longitude \* DD(+/-)  MM  SS

Longitude/Latitude Clarification

Location

The project encompasses the area overlying the the Cahuilla Valley and Terwilliger Valley GW basins.

County  \*

Ground Water Basin

Hydrologic Region

Watershed

### Legislative Information

Assembly District  \*

Senate District  \*

US Congressional District  \*

### Project Information

Project Name

Anza-Terwilliger Groundwater Monitoring F

Implementing Organization	Elsinore-Murrieta-Anza Resource Conservation District
Secondary Implementing Organization	
Proposed Start Date	4/1/2013
Proposed End Date	10/31/2014
Project Scope	Groundwater Monitoring Program development and implementation, Soils Map update, Groundwater Recharge Map, Public Outreach.
Project Description	<p>The proposed project includes the development and adoption of the Groundwater Monitoring Program (GMP), first year implementation of the GMP, and development of a Groundwater Recharge Map (GRM) as stand-alone components of a future Groundwater Management Plan (GWMP) for the Anza-Terwilliger Valley. The proposed GMP and GRM support the subsequent development of a GWMP, for the following reasons:</p> <ul style="list-style-type: none"> <li>• Groundwater is the sole source of water supply for the overlying communities. No other options for supplying water to these communities are financially and environmentally feasible.</li> <li>• There is concern about potential overdraft conditions and water quality issues throughout the basin.</li> <li>• The current groundwater data needs to be augmented and a comprehensive monitoring program developed in the Anza-Terwilliger area to support the long-term collection, management, analysis, and presentation of data to stakeholders to improve the understanding of the groundwater resources and to support groundwater management activities.</li> <li>• Existing studies have identified the need for additional groundwater management studies, and projects, to improve water supply reliability.</li> <li>• The GWMP will foster regional coordination to allow Anza-Terwilliger groundwater management efforts to be competitive with other regional planning efforts in the pursuit of grants to fund the planning and implementation of groundwater management projects.</li> <li>• Potentially increasing levels of nitrates, total dissolved solids and other constituents must be studied, identified and mitigated and/or resolved to preserve water quality and supply sustainability.</li> <li>• The Anza-Terwilliger area communities can manage groundwater sustainability locally through well-planned locally-controlled efforts that include cooperation, education, conservation, and groundwater recharge.</li> </ul>
Project Objective	<ul style="list-style-type: none"> <li>• To develop a comprehensive understanding of the groundwater setting in the Anza-Terwilliger area;</li> <li>• To establish key components needed for the ultimate development of a GWMP for the Anza-Terwilliger area; and</li> <li>• To inform stakeholders about the state of the Anza-Terwilliger groundwater resources, and invite stakeholder participation in the development of the GMP, GRM, and GWMP;</li> </ul>

**Project Benefits Information**

Project Benefit Type	Benefit Type	Measurement	Description
	Groundwater		development and

Primary	Management-Groundwater quality samples takened	0	implementation of a Groundwater Monitoring Program
Primary	Groundwater Management-Water level measurements taken	0	development and implementation of a Groundwater Monitoring Program
Primary	Management Plans-Groundwater	0	development of components of a Groundwater Management Plan

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="19000"/>
Amount Requested	<input type="text" value="117500"/>
Total Project Cost	<input type="text" value="136500"/>

**Geographic Information**

Latitude DD(+/-)	<input type="text" value="33"/>	MM <input type="text" value="33"/>	SS <input type="text" value="17"/>
Longitude DD(+/-)	<input type="text" value="116"/>	MM <input type="text" value="40"/>	SS <input type="text" value="30"/>

Longitude/Latitude Clarification  Location  The project encompasses the area overlying the the

County Riverside Ground Water Basin Cahuilla Valley, Terwilliger Valley Hydrologic Region Colorado River, South Coast WaterShed

**Legislative Information**

Assembly District	64th Assembly District
Senate District	37th Senate District
US Congressional District	District 45 (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.**

Elsinore-Murrieta-Anza Resource Conservation District 21535 Palomar Road, Suite A Wildomar, CA 92595-7763

**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.**

The proposed project would develop and implement a Groundwater Monitoring Program, update a soils map, develop a Groundwater Recharge Map, and conduct a public outreach effort as steps toward the future development and adoption of a Groundwater Management Plan. The community that encompasses the Anza-Terwilliger Valley has expressed concerns over water supply and quality for nearly three decades. Various water studies have been completed as funding has been available; primarily from federal and State sources. However no effort to take formal steps towards the active management of local water supply was successful until the community effort that resulted in application, award, and completion of a 2008 DWR Local Groundwater Assistance (LGA) Grant. The work completed under this \$50,000 LGA capacity-building grant is documented in the November 2011 Anza Area Groundwater Management Report. The proposed project is based on the recommendations included in the report and is a next logical step toward the development of BMOs and a full AB3030 compliant GWMP. Due to the importance of groundwater to various stakeholders within the Anza-Terwilliger area, the 2008 LGA Grant also resulted in the formation of a formal association of Anza-Terwilliger stakeholders, which is now known as the Anza Groundwater Association (AGWA). Among other things, AGWA desires to pursue opportunities that would result in the development of a comprehensive Groundwater Management Plan (GWMP) and implementation program, in collaboration with the various stakeholders to assure that local groundwater resources can provide a sustainable water supply for all water users while protecting the designated beneficial uses of the basins and complying with all applicable regulations.

### 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.**

Vicki Long President, Board Of Directors Elsinore-Murrieta-Anza Resource Conservation District (951) 698-9366  
vickilong@aol.com

### 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.**

Vicki Long President, Board Of Directors Elsinore-Murrieta-Anza Resource Conservation District (951) 698-9366  
vickilong@aol.com alternate contact: Joanna Crombie crombieconsulting@gmail.com (951)306-8174

### 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.**

No GWMP has been adopted for the Anza-Terwilliger area. The proposed project would develop components, Groundwater Monitoring Program and Groundwater Recharge Map that would be incorporated into a future GWMP. This project implements the first year of the monitoring program for groundwater levels and quality. The groundwater level data from the first and subsequent years of the monitoring program implementation would be collected in a manner suitable for inclusion in DWR's CASGEM Program. Water quality monitoring data would be available for use in programs such as DWR's GAMA program.

### 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).**

The community that encompasses the Anza-Terwilliger Valley has expressed concerns over water supply and quality for nearly three decades. Various water studies have been completed as funding has been available; primarily from federal and State sources. However no effort to take formal steps towards the active management of local water supply was successful until the community effort that resulted in application, award, and completion of a 2008 DWR Local Groundwater Assistance (LGA) Grant. The work completed under this \$50,000 LGA capacity-building grant is documented in the November 2011 Anza Area Groundwater Management Report. This report summarizes the efforts of collaboration with State, federal local agencies and community stakeholders. The Anza area is included in the Upper Santa Margarita Watershed IRWMP area and a DAC Groundwater Study for the Anza Area is included in a planning grant proposal for an update of the IRWMP under the 2012 DWR Proposition 84 IRWM Planning Grant program.

**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.**

None

**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.**

Not Applicable

**Q11. Completeness Check:**

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

**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\_EMARCD\_AuthDoc\_1of1.doc

**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\_EMARCD\_EligDoc\_1of1.doc

### **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\_EMARCD\_GWMP\_1of2.doc,Att3\_LGA12\_EMARCD\_GWMP\_2of2.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\_EMARCD\_ProjD\_1of2.doc,Att4\_LGA12\_EMARCD\_ProjD\_2of2.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\_EMARCD\_WrkPln\_1of1.doc

### **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\_EMARCD\_BUDGET\_1of1.doc

### **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\_EMARCD\_SCHED\_1of1.doc

### **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\_EMARCD\_QA\_1of1.doc

### **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\_EMARCD\_PERFORM\_1of1.doc

### **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".**