

Proposal Full View

Applicant Information

Organization Name *

Tax ID **956000939**

Proposal Name Paso Robles Groundwater Basin
Analysis of Groundwater Elevation
Management Strategies *

Proposal Objective The project will develop the needed information for groundwater management alternatives that reduce the net groundwater use in the Basin. This information will be analyzed using a MODFLOW groundwater model developed for the Basin. The model will be used to evaluate and compare the effectiveness of the groundwater management alternatives. Project costs and other implementation considerations will be developed for each of the alternatives. *

Budget

Other Contribution	\$0.00
Local Contribution	\$24,100.00
Federal Contribution	\$0.00
Inkind Contribution	\$0.00
Amount Requested	\$249,210.00 *
Total Project Cost	\$273,310.00 *

Geographic Information

Latitude * DD(+/-) MM SS

Longitude * DD(+/-) MM SS

Longitude/Latitude Clarification not applicable

Location Northern San Luis Obispo County and Southern Monterey County

County Monterey, San Luis Obispo *

Ground Water Basin Salinas Valley-Paso Robles

Hydrologic Region Central Coast

Watershed 3309 Salinas, 3317
Estrella River

Legislative Information

Assembly District 28th Assembly District,33rd Assembly District *
Senate District 15th Senate District *
US Congressional District District 22 (CA),District 23 (CA) *

Project Information

Project Name Analysis of Groundwater Eleva

Implementing Organization	San Luis Obispo County Flood Control and Water Conservation District
Secondary Implementing Organization	
Proposed Start Date	4/1/2013
Proposed End Date	6/30/2014
Project Scope	The project is a technical analysis to evaluate, compare, and rank different groundwater management alternatives.
Project Description	The deep aquifer (Paso Robles Formation) in the Paso Robles Groundwater Basin is experiencing significant declines in groundwater levels in the western portion of the Basin. The Alalysis of Groundwater Elevation Management Strategy (AGEMS) Program will evaluate five groundwater management alternatives that would reduce the net groundwater pumping within the deep aquifer of Basin and identify their project costs and implementation considerations. This information will be used by the Steering Committee to compare the projects for future consideration. AGEMS Program will utilize the existing groundwater model that is currently being updated as part of another project which is being funded by the San Luis Obispo County Flood Control and Water Conservation District.
Project Objective	The primary objectives of this project are to: Improve the understanding of subsurface flow in and around the area currently experiencing declining groundwater levels. Develop groundwater management alternatives to reduce the net groundwater pumping. Compare the effectiveness of the alternatives to meeting groundwater level BMOs. Determine the

effectiveness of stream recharge opportunities.
 Develop project costs for the different alternatives. Identify projects for additional analysis.

Project Benefits Information

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Water Storage -- Groundwater-Recharge area developed	12000	Groundwater Recharge Alternatives

Project Objective

Budget

Other Contribution	<input type="text" value="0"/>
Local Contribution	<input type="text" value="24100"/>
Federal Contribution	<input type="text" value="0"/>
Inkind Contribution	<input type="text" value="0"/>
Amount Requested	<input type="text" value="249210"/>
Total Project Cost	<input type="text" value="273310"/>

Geographic Information

Latitude DD(+/-)	<input type="text" value="35"/>	MM	<input type="text" value="38"/>	SS	<input type="text" value="45"/>
Longitude DD(+/-)	<input type="text" value="-120"/>	MM	<input type="text" value="40"/>	SS	<input type="text" value="30"/>

Longitude/Latitude Clarification Location

County Monterey, San Luis Obispo Ground Water Basin Salinas Valley-Paso Robles Hydrologic Region
 Central Coast WaterShed

Legislative Information

Assembly District	28th Assembly District, 33rd Assembly District
Senate District	15th Senate District
US Congressional District	District 17 (CA), District 22 (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.

San Luis Obispo County Flood Control and Water Conservation District Government Center, Room
207 San Luis Obispo, CA 93408

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 deep aquifer (Paso Robles Formation) in the Paso Robles Groundwater Basin is experiencing significant declines in groundwater levels in the western portion of the Basin. This is the most important issue in the Basin at this time. The Analysis of Groundwater Elevation Management Strategy (AGEMS) Program will evaluate five groundwater management alternatives that would reduce the net groundwater pumping within the deep aquifer (Paso Robles Formation) of Basin. The alternatives being evaluated reduce net groundwater pumping by replacing it with: new surface water supplies, increased water conservation, reused or reclaimed water, or redistributing groundwater pumping between the deep aquifer with additional pumping in the Salinas River alluvial aquifer (which is not experiencing the same groundwater level decline). The evaluation of these alternatives includes groundwater modeling to determine the benefits (measured as increases in groundwater levels or increases in groundwater storage) and project costs, and other implementation considerations which may affect the viability of the project. This work will be completed under direction of the Paso Robles Groundwater Management Plan Steering Committee which is responsible for the implementation of the recently adopted GMP. The AGEMS Program supports the Modeling and Technical Analysis Activity (Activity 4.4) of the GMP's Groundwater Sustainability Component (Component 4). This addresses the GMP's BMO to "Maintain and Improve Groundwater Levels" which is intended to ensure that overall groundwater levels are maintained to provide long-term reliable sources of water for the economic well being of the area. Some of the activities identified in the GMP to support this BMO include: "Reduce groundwater pumping" "Increase overall water supply" "Increase water reuse or recycled water supply" "Protect and increase groundwater recharge" "Limit future increases in groundwater pumping" This groundwater management alternatives evaluated in this project represent the activities identified in the GMP.

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.

Paavo Ogren, Public Works Director San Luis Obispo County Flood Control and Water Conservation
District County Government Center, Room 207 San Luis Obispo, CA 93408 (805) 781-5252
pogren@co.slo.ca.us

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.

Courtney Howard, Water Resources Engineer San Luis Obispo County Flood Control and Water Conservation District County Government Center, Room 207 San Luis Obispo, CA 93408 (805) 781-1016 choward@co.slo.ca.us

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

- 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 Board of Supervisors of the San Luis Obispo County Flood Control and Water Conservation District adopted the Paso Robles Groundwater Basin Management Plan (PRGBMP) on March 12, 2012. The City of Paso Robles adopted the Paso Robles Groundwater Basin Management Plan (PRGBMP) on May 1, 2012.

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).

? San Luis Obispo County Flood Control and Water Conservation District adopted the Paso Robles Groundwater Basin Management Plan (2012) ? City of Paso Robles adopted the Paso Robles Groundwater Basin Management Plan (2012) ? Formation of the Paso Robles Groundwater Basin Management Plan Steering Committee (2012) , includes the following entities and interested parties: o Atascadero Mutual Water Company o Central Coast Vineyard Team o City of Atascadero o City of Paso Robles o Flood Control and Water Conservation District o Monterey County Water Resources Agency o Paso Robles Imperiled Overlying Rights (PRIOR) o Paso Robles Wine Country Alliance o San Luis Obispo Cattlemen's Association o San Miguel Community Services District o Templeton Community Services District o Upper Salinas-Las Tablas Resources Conservation District o Four At-Large members ? Blue Ribbon Steering Committee Meetings (includes meeting agendas and meeting minutes) o August 25, 2011 o September 22, 2011 o October 27, 2011 o November 17, 2011 o December 15, 2011 o January 19, 2012 o February 16, 2012 o March 15, 2012 o April 19, 2012 o May 17, 2012 o June 21, 2012 ? Paso Robles Groundwater Basin Study (2002) ? Monitoring Program

Evaluation (2003) ? Paso Robles Groundwater Basin Study Phase II ? Numerical Model Development, Calibration, and Application (2005) ? Paso Robles Groundwater Basin Agreement (2005) ? San Luis Obispo County Integrated Regional Water Management Plan (2005) ? Annual Report on the Paso Robles Groundwater Basin (2007) ? Paso Robles Groundwater Basin Water Banking Feasibility Study (2007) ? Evaluation of Paso Robles Groundwater Basin Pumping ? Water Year 2006 (2009) ? Paso Robles Groundwater Basin Water Balance Review and Update (Fugro, 2010) ? San Luis Obispo County Master Water Plan (2012) ? Peer Review of Paso Robles Groundwater Basin Studies (2010) ? Revised Resource Capacity Study ? Water Supply in the Paso Robles Groundwater Basin (San Luis Obispo County Planning Department, 2011)

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".

San Luis Obispo County Flood Control and Water Conservation District

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.

The San Luis Obispo County Flood Control and Water Conservation District qualifies as urban water supplier and will receive funding from the proposed grant. The District prepared a 2010 update for its Zone 3 Urban Water Management Plan (UWMP) which was adopted by the District Board of Supervisors on June 21, 2011 (Resolution No. 2011-183) and submitted to the California Department of Water Resources (DWR). Although DWR has not yet sent an approval letter, the District fully anticipates having complete DWR acceptance of its UWMPs before the DWR approves the Local Groundwater Assistant Grant Awards.

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.

The District prepared a 2010 update for its Zone 3 Urban Water Management Plan (UWMP) which was adopted by the District Board of Supervisors on June 21, 2011 (Resolution No. 2011-183) and submitted to the California Department of Water Resources (DWR). Although DWR has not yet sent an approval letter, the District fully anticipates having complete DWR acceptance of its UWMP before the DWR approves the Local Groundwater Assistant Grant Awards since it is currently under expedited review by DWR in response to another grant program.

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_SLOCounty_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_SLOCounty_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_SLOCounty_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_SLOCounty_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_SLOCounty_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_SLOCounty_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_SLOCounty_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_SLOCounty_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_SLOCounty_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_SLOCounty_1420_1of1.pdf
