

Proposal Full View

Print

Applicant Information

Organization Name Sacramento Suburban Water District *

Tax ID **800002258**

Proposal Name Sacramento Suburban Water District Groundwater Monitoring and Modeling Project *

Proposal Objective There are three primary objectives of the project as described further below. 1. Better define the presence of perchlorate near SSWD's service area. 2. Better understand groundwater conditions in the areas predicted to be impacted by perchlorate. 3. Better define where the perchlorate could go given recent groundwater extraction patterns. *

Budget

Other Contribution	\$0.00	
Local Contribution	\$52,049.00	
Federal Contribution	\$0.00	
Inkind Contribution	\$0.00	
Amount Requested	\$247,925.00	*
Total Project Cost	\$299,974.00	*

Geographic Information

Latitude * DD(+/-) 38 MM 37 SS 5

Longitude * DD(+/-) -121 MM 22 SS 40

Longitude/Latitude Clarification Location

County Sacramento *

Ground Water Basin Sacramento Valley-North American

Hydrologic Region Sacramento River

Watershed 5519 Valley - American

Legislative Information

Assembly District 5th Assembly District *

Senate District 6th Senate District *

US Congressional District District 3 (CA) *

Project Information

Project Name		Groundwater Monitoring and	
Implementing Organization	Sacramento Suburban Water District		
Secondary Implementing Organization			
Proposed Start Date	4/1/2013		
Proposed End Date	7/31/2014		
Project Scope	This project will include the installation of two monitor wells, sampling, aquifer testing and groundwater modeling.		
Project Description	<p>The goal of the study is to improve the understanding of contaminant transport and the predicted impact to the region water supply in the Arden-Arcade district and great regional water supply. The project will achieve this goal by:</p> <ul style="list-style-type: none"> • Installing additional monitoring wells to characterize lateral and vertical extents of impact or at a minimum provide sentry monitoring locations, • Conducting aquifer testing to identify interconnectivity of specific water bearing zone and their roles in contaminant transport, • Evaluating perchlorate concentration temporal changes in these monitoring wells over the period of performance and beyond, and • Utilizing this information to develop a refinement of the existing groundwater model to aid in predictive proactive management of the SSWD well operations and contaminant transport. 		
Project Objective	<p>There are three primary project objectives of the project as described further below. 1. Better define the presence of perchlorate near SSWD's service area. 2. Better understand groundwater conditions in the areas predicted to be impacted by perchlorate. 3. Better define where the perchlorate could go given recent groundwater extraction patterns.</p>		

Project Benefits Information

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Water Restoration	0	

Project Objective

Budget

Other Contribution	0
Local Contribution	52049
Federal Contribution	0
Inkind Contribution	0
Amount Requested	247925
Total Project Cost	299974

Geographic Information

Latitude DD(+/-)	38	MM 37	SS 5
Longitude DD(+/-)	-121	MM 22	SS 40
Longitude/Latitude Clarification		Location	

County Sacramento Ground Water Basin Sacramento Valley-North American Hydrologic Region
 Sacramento River WaterShed 5519 Valley - American

Legislative Information

Assembly District	5th Assembly District
Senate District	6th 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.

Sacramento Suburban Water District, 3701 Marconi Avenue, Suite 100, Sacramento, CA, 95821

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 goal of Sacramento Suburban Water District's (SSWD) grant proposal is to ensure groundwater quality and viability for beneficial uses. To address this goal, SSWD is proposing a groundwater

monitoring and modeling project to help monitor and track encroaching groundwater contaminate plumes. The goal of the project is to improve the understanding of contaminant transport and the predicted impact to the region water supply in the Arden-Arcade district and great regional water supply. The project will achieve this goal by: ? Installing additional monitoring wells to characterize lateral and vertical extents of impact or at a minimum provide sentry monitoring locations, ? Conducting aquifer testing to identify interconnectivity of specific water bearing zone and their roles in contaminant transport, ? Evaluating perchlorate concentration temporal changes in these monitoring wells over the period of performance and beyond, and ? Utilizing this information to develop a refinement of the existing groundwater model to aid in predictive proactive management of the SSWD well operations and contaminant transport. This proposal addresses the GWMP's first Basin Management Objective (BMO): to maintain and improve groundwater quality, is met by improving monitoring and modeling of advancing contaminants. Understanding the location and movement of Aerojet and other contamination plumes is key to ensuring continued groundwater quality within SSWD's service area and the surrounding areas.

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.

Robert S. Roscoe, P.E. General Manager Sacramento Suburban Water District 3701 Marconi Avenue, Suite 100 Sacramento CA 95821 (916) 679-3994 rroscoe@sswd.org

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.

John E. Valdes, P.E. Engineering Manager - CIP Sacramento Suburban Water District 3701 Marconi Avenue, Suite 100 Sacramento CA 95821 (916) 679-3988 jvaldes@sswd.org

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.

Adopted December 11, 2008, by the Sacramento Groundwater Authority (SGA) Board of Directors.

Sacramento Suburban Water District is a member of the Sacramento Groundwater Authority. SGA's authority to prepare a GWMP is provided through a Joint Exercise of Powers Agreement (pursuant to Chapter 5 of Division 7 of Title 1 of the California Government Code) by and among Sacramento County and the cities of Folsom, Citrus Heights, and Sacramento. The GWMP was prepared in compliance with provisions in Water Code Section 10753 et seq.

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).

Joint Powers Agreement between the City of Citrus Heights, the City of Folsom, the City of Sacramento, and the County of Sacramento creating the Sacramento-Groundwater Authority adopted May 7, 2002. Resolution of the Sacramento Groundwater Authority adopting an updated Groundwater Management Plan and a finding of exemption from the California Environmental Quality Act, adopted December 11, 2008. Sacramento Groundwater Authority Groundwater Management Plan, adopted December 11, 2008. Urban Water Management Plan, adopted June 20, 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".

Either Sacramento Suburban Water District or 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.

Sacramento Suburban Water District John E. Valdes, P.E. Engineering Manager - CIP (916) 679-3988
jvaldes@sswd.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.

Sacramento Suburban Water District submitted a complete 2010 Urban Water Management Plan (UWMP) to the Department of Water Resources (DWR) on July 13, 2011. By letter dated December 1, 2011, DWR verified that the UWMP was complete and addresses the requirements of the California Water Code (CWC).

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".

N/A

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_SSWD_AuthDoc_1ofTotal1.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_SSWD_EligDoc_1ofTotal1.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_SSWD_GWMP_1ofTotal1.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_SSWD_ProjD_1ofTotal1.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_SSWD_WrkPln_1ofTotal1.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_SSWD_BUDGET_1ofTotal1.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_SSWD_SCHED_1ofTotal1.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_SSWD_QA_1ofTotal1.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_SSWD_PERFORM_1ofTotal1.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_SSWD_1420_1ofTotal1.pdf
