

Attachment 9. Past Performance

SGA has a solid history with DWR in executing and completing seven separate agreements with DWR for partnerships that resulted in demonstrable benefits to the region and DWR. Two Local Groundwater Assistance Grant (LGA) projects have been completed in the past five years and are described below as called for in the application. Additionally, an LGA project completed in 2006 is described below. Although completed more than five years ago it is included here as it demonstrates SGA's ability to implement a project involving the construction and sampling of monitoring wells, which are a major component of the proposed study.

- **DWR Contract 4600003660.** This agreement, effective June 1, 2004, was a Local Groundwater Assistance Grant (LGA) for \$249,857 to construct a dedicated monitoring well network to support SGA's groundwater management program. The initial application called for 11 monitoring wells. However, during development of the study it was revealed that several agencies had drilled dry groundwater wells along the eastern margin of the SGA area. SGA worked with DWR to modify the scope to allow for deeper holes with continuous coring to be drilled in the vicinity of Orangevale. The coring confirmed that there were consolidated volcanic flows in the subsurface that were not showing up in standard drilling operations. The coring work resulted in a total of nine monitoring wells being constructed. The wells were sampled for water quality during the initial study and have since been further sampled by SGA. The wells have been continuously monitored since construction and are now part of SGA's CASGEM network. The project was completed within the budget and by the May 1, 2006 deadline. A copy of the final project letter to DWR is included as an attachment to this section.
 - **DWR Contract 4600004083.** This agreement, effective June 1, 2005, was a Local Groundwater Assistance Grant for \$249,840 to update, recalibrate, and develop baseline datasets for the Sacramento area Integrated Groundwater and Surface Water Model (IGSM) application. The initial agreement was set to expire on May 1, 2007. However, the consultant's lead modeler left to take a position with DWR's Modeling Support Branch. To compensate for the staffing changes, DWR approved a time extension until September 30, 2007. The model has since been used to complete SGA's Water Accounting Framework, which assigns conjunctive use goals for agencies within SGA to ensure basin sustainability. The model was also used to track the potential pathways of contaminants in the regional threats to groundwater quality study described below. The project was completed by the amended deadline and within the initial project budget. A copy of the final acceptance letter received from DWR is included as an attachment to this section.
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DWR Contract 460008198. This agreement, effective June 20, 2008, was a Local Groundwater Assistance Grant for \$249,930 to complete an inventory of known and potential contaminants and assess the threat these contaminants present to the region's ability to implement a sustainable conjunctive use program. The study assembled a comprehensive dataset of groundwater quality and groundwater production facility and operational information, including two scenarios assuming minimum and maximum conjunctive use operations. Using this information, SGA analyzed the regional water system using both an existing groundwater flow model and geographical information system software and classified areas of the basin as ranging from "not impaired" to "most severely impaired." With the evaluation of these threats and impacts, local agencies have a near and long-term tool to develop plans to mitigate against these threats and plan future facilities. In part, the results of the study led to identifying the PCE (the subject of the proposed study) as a major groundwater quality concern with the SGA area. The project was completed within the budget and by the July 15, 2011 deadline. The timeline was extended by DWR from the original contract due to the suspension of grant funds in 2009 caused by severe economic conditions in the state. A copy of the completion letter from DWR is included as an attachment to this section.



Sacramento Groundwater Authority
*Managing Groundwater Resources
in Northern Sacramento County*

5620 Birdcage Street, Suite 180
Citrus Heights, CA 95610

Tel: (916) 967-7692
Fax: (916) 967-7322
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Edward D. Winkler
Executive Director

April 18, 2006

California-American
Water Company

Carmichael
Water District

Citrus Heights
Water District

City of Citrus Heights

City of Folsom

City of Sacramento

County of Sacramento

Del Paso Manor
Water District

Fair Oaks Water District

Natomas Central Mutual
Water Company

Orange Vale
Water Company

Linda / Elverta
Community Water
District

Sacramento Suburban
Water District

San Juan
Water District

Southern California
Water Company

Agricultural and
Self-Supplied
Representative

Michael P. Floyd
Department of Water Resources
Division of Planning and Local Assistance
Conjunctive Management Branch
901 P Street, 2nd Floor
P.O. Box 942836
Sacramento, CA 94236-0001

Dear Mr. Floyd:

The Sacramento Groundwater Authority (SGA) is pleased to submit the enclosed three copies of the final report of project activities under our AB 303 Grant (Agreement #4600003660) with the Department of Water Resources. We have incorporated your comments on the report.

This important regional monitoring well network will serve as a valuable tool in our management of the groundwater basin underlying northern Sacramento County. We greatly appreciate the support offered by you and other DWR staff in completing this project. We look forward to continued collaboration with DWR as we endeavor to assemble the essential information to ensure a sustainable local water supply while creating opportunities to participate in statewide water supply solutions. Please feel free to contact me at (916) 967-7692 if you have additional questions.

Sincerely,

Edward D. Winkler
Executive Director

Enclosures

cc: Eric Hong (letter copy only)
Harley Davis (letter copy only)
Rob Donlan (letter copy only)

DEPARTMENT OF WATER RESOURCES

1416 NINTH STREET, P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791

RECEIVED
JAN - 3 2008



December 26, 2007

Edward D. Winkler
Executive Director
Sacramento Groundwater Authority
5620 Birdcage Street, Suite 180
Citrus Heights, California 95610

Local Groundwater Management Assistance Act of 2000,
FY 2004/2005 Agreement No. 4600004083

Dear Mr. Winkler:

We received and accepted the report entitled "Sacramento County Integrated Groundwater and Surface Water Model (SACIGSM, v. 3) along with the final grant project progress report submitted by letter of November 8, 2007. This represents completion of your agency's obligations with the California Department of Water Resources under Agreement No. 4600004083.

Thank you for your interest in the Local Groundwater Assistance Grant Program and your efforts to better understand and manage groundwater resources in your area. The Grant Performance Evaluation is attached for your records. If you have any questions, please contact Michael Floyd at (916) 653-7912.

Sincerely,

A handwritten signature in cursive script, appearing to read "Tracie Billington".

Tracie Billington, Chief
Special Projects

Attachment

STATE OF CALIFORNIA
GRANTEE PERFORMANCE EVALUATION
 DEPARTMENT OF WATER RESOURCES
 CONJUNCTIVE WATER MANAGEMENT BRANCH
 Rev5/04

AGREEMENT NUMBER 4600004083	AMENDMENT NUMBERS
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DEPARTMENT Water Resources	GRANTEE'S NAME AND ADDRESS Sacramento Groundwater Authority
DIVISION Planning and Local Assistance	5620 Birdcage Street, Suite 180
EVALUATOR'S NAME Mike Floyd	Citrus Heights, CA 95610
PROJECT TITLE Sacramento County Integrated Groundwater and Surface Water Model	AGREEMENT EXPIRATION DATE Sept 30, 2007
1. TOTAL AGREEMENT AMOUNT INCLUDING AMENDMENTS \$249,840	GRANTEE DEPARTMENT (if different than grantee's name)
2. DESCRIBE THE WORK THAT WAS IN THE PROJECT WORK PLAN.	

Develop an enhanced surface-water coupled, groundwater resource planning model for the Northern portion of Sacramento County (mostly confined to the area north of the American River in Sacramento County).

3. WAS THE WORK PERFORMED?

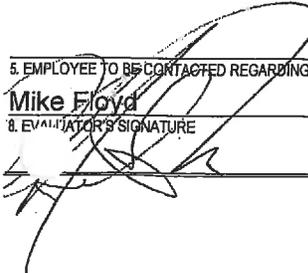
YES - If yes, explain how the work met the specific problem, administrative requirement, or program need for the project.

The enhanced surface-water coupled, groundwater resource model developed through this grant for the Northern portion of Sacramento County will aid efforts to update and implement the area's ground water management plan and integrated water resources management plan. The model will provide an analytical tool to test the effects of various projects on groundwater conditions.

4. DID THE GRANTEE FULFILL ALL REQUIREMENTS OF THE AGREEMENT?

YES - if yes, explain how the work met the specific problem, administrative requirement, or program need for the project.

The grantee completed the work outlined in the amended grant agreement (time extension) on time and under budget.

5. EMPLOYEE TO BE CONTACTED REGARDING GRANTEE PERFORMANCE Mike Floyd	6. TITLE Senior Engineer W.R.	7. TELEPHONE NUMBER 916.653.7912
8. EVALUATOR'S SIGNATURE 	9. TITLE Senior Engineer W.R.	10. DATE 12/20/07
		11. TELEPHONE NUMBER 916.653.7912

DEPARTMENT OF WATER RESOURCES

1416 NINTH STREET, P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791



January 27, 2012

Robert J. Swartz
Sacramento Groundwater Authority
5620 Birdcage Street
Suite 180
Citrus Heights, CA 95610

Subject: Local Groundwater Assistance Proposition 50, Assessment of Water Quality Risks to the Long-Term, Agreement No. 4600008198 – Project Closeout Process Begins

Dear Mr. Swartz,

This letter confirms that DWR has received and accepted the following items:

- Groundwater Quality Vulnerability Assessment Final Report
- Final invoice less retention in the amount of \$ 123,468.24 for the Assessment of Water Quality Risks to the Long-Term project.

This Local Groundwater Assistance Grant Program project represents the study of the threats to long-term groundwater quality sustainability in accordance with and under the above referenced agreement.

You may now submit your request for release of retention for this project to begin the project close out process. Please submit this request no later than **60 days** from date of receipt.

Thank you for your interest in the Integrated Regional Water Management Grant Program and your effort to manage water resources in your area.

If you have any questions, please contact Teji Sandhu at tkSandhu@water.ca.gov or (916) 651-9254.

Sincerely,

Joseph Yun
Planning Program Manager

cc:
Teji Sandhu