

ATTACHMENT A - SUMMARY OF WORK



United States Department of the Interior

U.S. GEOLOGICAL SURVEY
California Water Science Center
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California State University
Sacramento, California 95819-6129
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September 8, 2011

Mr. Thomas D. Fayram
Deputy Director of Public Works, Water Resources
Santa Barbara County Water Agency
123 East Anapamu Street
Santa Barbara, CA. 93101

Attention: Mr. Dennis Gibbs

Dear Mr. Fayram:

This letter confirms discussions between our respective staffs concerning the continuation of a cooperative water-resource program between the Santa Barbara County Water Agency, (SBCWA) and the U.S. Geological Survey (USGS) to delineate the geohydrology and water availability of the Cuyama Valley, California for the period October 1, 2008 to December 31, 2012.

The continuation of the study will provide an improved understanding of geohydrology and water availability of the Cuyama Valley and will develop tools to allow stakeholders to better manage their water resources. The study consists of five major tasks: (1) data compilation; (2) new data acquisition; (3) model development; (4) analysis of water availability; and (5) report preparation. Work began on this project in Federal Fiscal Year 2009 (FFY09). A description of progress on these tasks in FFY12 and plans and costs for these tasks in FFY12 is included as an attachment to this letter.

A breakdown of the costs associate with each task for the duration of the cooperative water-resources program is provided in table 1.

Mr. Thomas D. Fayram, Deputy Director, Santa Barbara County Water Agency

Table 1. Modified Summary of costs by task and federal fiscal year (FFY).

Task	Agency	FFY2009	FFY2010	FFY2011	FFY2012	Total
Task 1	SBCWA	52,500	0	17,500	0	70,000
Task 1	USGS	22,500	0	7,500	0	30,000
Task 1 total		75,000	0	25,000	0	100,000
Task 2 Drilling (Reimbursable)	SBCWA	174,000	373,700	0	0	547,700
Task 2 (Fixed)	SBCWA	122,400	27,800	143,800	25,000	294,000
Task 2 (Fixed)	USGS	75,200	27,800	51,800	0	154,800
Task 2 total		371,600	429,300	195,600	25,000	996,500
Task3	SBCWA	94,000	0	175,000	0	269,000
Task 3	USGS	27,000	0	75,000	0	102,000
Task 3 total		121,000	0	250,000	0	371,000
Task 4	SBCWA	0	0	0	70,000	70,000
Task 4	USGS	0	0	0	30,000	30,000
Task 4 total		0	0	0	100,000	100,000
Task 5	SBCWA	15,500	0	67,500	42,000	125,000
Task 5	USGS	6,500	0	29,500	18,000	54,000
Task 5 total		22,000	0	97,000	60,000	179,000
Total	SBCWA	458,400	401,500	403,800	137,000	1,375,700
Total	USGS	131,200	27,800	163,800	48,000	370,800
Total	Total	589,600	429,300	567,600	185,000	1,771,500

The total cost for the cooperative water resources program for FFY12 is \$185,000. SBCWA's contribution is \$137,000 and, subject to the availability of Federal matching funds (FMF), the USGS will provide \$48,000. The USGS is committed to the proposed funding level for Federal Fiscal Year 2012; however, we would like the opportunity to review potential program or financial changes with your staff prior to the beginning of each new fiscal year.

As requested by the SBCWA, the USGS will provide amendments to the Joint Funding Agreement (JFA) yearly for this study. The amendments to the JFA document the amount of SBCWA and USGS funding that will be contributed to the study each federal fiscal year, which begins October 1st and ends September 30th the next calendar year.

Enclosed, you will find JFA 09W4CAD03910 Amendment 4 for the period October 1, 2008 to December 31, 2012. Work performed with funds from JFA 09W4CAD03910, Amendment 4, will be conducted on a fixed-price cost basis. The total cost of the proposed FFY12 portion of the program associated with JFA 09W4CAD03910, Amendment 4 is \$185,000. Cost to SBCWA is \$137,000 and subject to the availability of FMF, the USGS will provide \$48,000.

Mr. Thomas d. Fayram, Deputy Director, Santa Barbara County Water Agency

Enclosed are three copies of JFA 09W4CAD03910, Amendment 4, for your approval. If you are in agreement with this proposed amendment, please return two copies of the JFA with original signatures to our office. The third copy is for your files, pending approval by the USGS. Upon approval, a fully executed original will be forwarded for your records.

The USGS is required to have an agreement in place prior to any work being performed on a project. Your immediate attention to processing the JFA would be greatly appreciated, so we can begin work on the proposed program as soon as possible.

If you have any questions concerning this program, please contact Peter Martin, in our San Diego Project Office, at (619) 225-6127. If you have any administrative questions, please contact Irene Rios, in our San Diego Project Office, at (619) 225-6156.

Sincerely,

Acting
Sharon E. Grey

Eric G. Reichard
Director, USGS California Water Science Center

Enclosures

cc: Randall T. Hanson, USGS CAWSC