



BOARD OF SUPERVISORS  
AGENDA LETTER

Agenda Number:

Clerk of the Board of Supervisors  
105 E. Anapamu Street, Suite 407  
Santa Barbara, CA 93101  
(805) 568-2240

Department Name: Water Agency  
Department No.: 054  
For Agenda Of: 10/09/07  
Placement: Administrative  
Estimated Tme: N/A  
Continued Item: No  
If Yes, date from:  
Vote Required: Majority

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**TO:** Board of Directors, Water Agency

**FROM:** Department Scott McGolpin, Public Works Director, 568-3010  
Director(s)  
Contact Info: Thomas D. Fayram, Deputy Public Works Director, 568-3436

**SUBJECT: Joint Funding Agreement for the Cooperative Streamgaging Program**

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**County Counsel Concurrence**

As to form: Yes

**Other Concurrence:** N/A

As to form: No

**Auditor-Controller Concurrence**

As to form: Yes

**Recommended Actions:**

Approve and authorize the Chair to execute the Joint Funding Agreement with the United States Geological Survey (USGS) to continue the cooperative streamgaging program from November 1, 2007 through October 31, 2008 in the amount of \$516,600.00 in which \$369,150.00 to be funded by the County Water Agency.

**Summary Text:**

This Joint Funding Agreement between the Water Agency and the USGS will provide for a cooperative and cost sharing water resources data collecting program in Santa Barbara County. The program consists of a cooperative streamgaging program for all three agencies as well as groundwater monitoring and surface water quality monitoring for the Water Agency. The cooperative streamgaging program provides for the measurement and recording of flows in strategic locations of selected creeks and rivers. The data collected is used for facilities design, flood warning, climate studies, and other purposes. This year the data collected and accessed as part of this agreement will be critical in responding to potential flood threats resulting from the Zaca Fire. The program is outlined in Attachment A and includes federal cost sharing and covers stations located throughout the County.

The full range monitoring that is provided by this program is used for the design of properly sized channels, storm drains, retardation basins, and delineation of flood hazard areas. Additionally, stream flow data continues to be very valuable for water supply and flood frequency studies for flood warning system simulation and operations. Some of the gages help monitor ordered releases from the Cachuma Project to ensure that only those flows ordered to be released are released.

The gages also can be monitored real time on the internet. The USGS produces an annual report for the data collected.

**Background:**

The information we receive from this program is important for flood control and water supply purposes. This year's program is representative of past years' programs.

**Fiscal and Facilities Impacts:**

Budgeted: Yes

**Fiscal Analysis:**

<u>Funding Sources</u>	<u>Current FY Cost:</u>	<u>Annualized On-going Cost:</u>	<u>Total One-Time Project Cost</u>
General Fund			
State			
Federal	\$ 147,450.00		
Water Agency Funds	\$ 369,150.00		
Other:			
Total	\$ 516,600.00	\$ -	\$ -

**Narrative:**

This program was included in the 2007-08 Adopted Budget under the Water Agency cost center in the Water Resources Division of the Public Works Department as identified on page D-318 in the budget book. This program is part of and gets paid out of the Hydrology Program: 3012; Water Agency fund 3050; Professional Services line item acct: 7460.

**Staffing Impacts:**

**Legal Positions:**

**FTEs:**

**Special Instructions:**

Direct the Clerk of the Board to return all four originals of the agreement along with a copy of the minute order to the Flood Control District office, Attn: Christina Lopez. After the agreement has been executed by the USGS, the District will return a fully executed original to the Clerk of the Board.

**Attachments:**

Joint Funding Agreement for Water Resources Investigations (4 originals)  
Exhibit A – Program Scope

**Authored by:** Matt Naftaly, Hydrologist, Sr., 568-3442  
Dennis Gibbs, Hydrologist, Sr. 739-8781

**cc:**