



**SUBMITTAL TO THE FLOOD CONTROL AND WATER CONSERVATION DISTRICT BOARD
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

901 B

FROM: General Manager-Chief Engineer

SUBMITTAL DATE:
December 14, 2010

SUBJECT: Joint Funding Agreement
Water Resources Investigations
U.S. Geological Survey (USGS)

RECOMMENDED MOTION:

1. Approve the Joint Funding Agreement between the District and U.S. Department of the Interior, U.S. Geological Survey (USGS); and
2. Authorize the Chairman to execute the Agreement documents on behalf of the District.

BACKGROUND:

The Agreement sets forth the terms and conditions by which the District and USGS will jointly fund cooperative water resources investigations (stream gauging) in western Riverside County.

County Counsel has approved the Agreement as to legal form.

FINANCIAL:

Sufficient funds are included in the District's FY 2010-2011 budget. Sufficient funds will be budgeted for Fiscal Year 2011-2012.

Warren D. Williams
WARREN D. WILLIAMS
General Manager-Chief Engineer

FINANCIAL DATA	Current F.Y. District Cost:	\$139,800.00	In Current Year Budget:	Yes
	Current F.Y. County Cost:	N/A	Budget Adjustment:	No
	Annual Net District Cost:	\$ 69,900.00	For Fiscal Year:	10-11,11-12

SOURCE OF FUNDS: 48000 947240 525440: Hydrology-Professional Services	Positions To Be Deleted Per A-30	<input type="checkbox"/>
	Requires 4/5 Vote	<input type="checkbox"/>

C.E.O. RECOMMENDATION:

APPROVE

BY: *Michael R. Shetler*
Michael R. Shetler

County Executive Office Signature

FOR APPROVAL COUNTY COUNSEL DATE 11/16/10
 BY: NEAL R. KIPPIN
 FISCAL FOOTNOTES APPROVED DAN M. CHANG, FINANCIAL DIRECTOR 11/16/10
 WARREN D. WILLIAMS
 GENERAL MANAGER

Dept's Recomm.: Consent Policy
 Per Exec. Ofc.: Consent Policy

Prev. Agn. Ref.:

District: All

Agenda Number:

11.1

Form 9-1366
(Oct. 2005)

**U.S. Department of the Interior
U.S. Geological Survey
Joint Funding Agreement**

Customer #: CA027
Agreement #: 11W4CAD02700
Project #:
TIN #: 93-1171062
Fixed Cost Agreement Yes No

Page 1 of 2

**FOR
WATER RESOURCES INVESTIGATIONS**

THIS AGREEMENT is entered into as of the 10th day of June, 2010, by the U.S. GEOLOGICAL SURVEY, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, party of the second part.

1. The parties hereto agree that subject to availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation for the cooperative water resources investigations in the Riverside County Flood Control and Water Conservation District area, herein called the program. The USGS legal authority is 43 USC 36C; 43 USC 50; and 43 USC 50b.
2. The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program. 2(b) includes In-Kind Services in the amount of \$0.

(a) \$59,835.00 by the party of the first part during the period
November 1, 2010 to October 31, 2011

(b) \$209,700.00 by the party of the second part during the period
November 1, 2010 to October 31, 2011

USGS DUNS IS 1761-38857.

- (c) Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties.
 - (d) The performance period may be changed by mutual agreement and set forth in an exchange of letters between the parties.
3. The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.
 4. The field and analytical work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.
 5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.
 6. During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.
 7. The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.

Form 9-1366
continued

U.S. Department of the Interior
U.S. Geological Survey
Joint Funding Agreement

Customer #: CA027
Agreement #: 11W4CAD02700
Project #:
TIN #: 93-1171062

- 8. The maps, records, or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records, or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program and, if already published by the party of the first part shall, upon request, be furnished by the party of the first part, at costs, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records, or reports published by either party shall contain a statement of the cooperative relations between the parties.
- 9. USGS will issue billings utilizing Department of the Interior Bill for Collection (form DI-1040). Billing documents are to be rendered **quarterly**. Payments of bills are due within 60 days after the billing date. If not paid by the due date, interest will be charged at the current Treasury rate for each 30 day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File B-212222, August 23, 1983).

U.S. Geological Survey
United States
Department of the Interior

RIVERSIDE COUNTY FLOOD CONTROL AND
WATER CONSERVATION DISTRICT

USGS Point of Contact

Customer Point of Contact

Name: Janee D. Hiett
Address: 6000 J Street, Placer Hall
Sacramento, California 95819-6129
Telephone: 916-278-3001
Email: jdhiett@usgs.gov

Name: Warren Williams, General Manager
and Chief Engineer
Address: 1995 Market Street
Riverside, California 92501-1719
Telephone:
Email:

Signatures

Signatures

By _____ Date _____
Name: Eric G. Reichard
Title: Director, USGS California Water
Science Center

By _____ Date _____
Name: MARION ASHLEY, Chairman
Title: Riverside County Flood Control and Water
Conservation District Board of Supervisors

By _____ Date _____
Name:
Title:

By _____ Date _____
Name:
Title:

ATTEST:

By _____ Date _____
Name:
Title:

By _____ Date _____
Name: KECIA HARPER-IHEM
Title: Clerk of the Board

PAMELA J. WALLS
County Counsel

(Seal)

By  _____
NEAL R. KIPNIS

Mr. Warren Williams, General Manager and Chief Engineer- Riverside County FC&WCD

Table 1:

Station Number	Station Name	RCFC & WCD Funds	DWA Funds	CVWD Funds	SMR Water-master Funds	EMWD Funds	USGS Funds	Total Funds
10256500	Snow Creek near White-water, including diversion	\$ 4,550	\$ 6,525	\$ 6,525	\$ 0	\$ 0	\$ 11,700	\$ 29,300
10257500	Falls Creek near Whitewater, including diversion	\$ 4,550	\$ 6,525	\$ 6,525	\$ 0	\$ 0	\$ 11,700	\$ 29,300
10257550	Whitewater River at Windy Point (1)	\$ 4,550	\$ 6,525	\$ 6,525	\$ 0	\$ 0	\$ 11,700	\$ 29,300
10257600	Mission Creek near Desert Hot Springs	\$ 13,450	\$ 0	\$ 0	\$ 0	\$ 0	\$ 8,950	\$ 22,400
10257720	Chino Canyon Creek below Tramway near Palm Springs	\$ 4,500	\$ 4,450	\$ 4,500	\$ 0	\$ 0	\$ 8,950	\$ 22,400
10258000	Tahquitz Creek near Palm Springs	\$ 4,450	\$ 4,500	\$ 4,500	\$ 0	\$ 0	\$ 8,950	\$ 22,400
10258500	Palm Canyon Creek near Palm Springs	\$ 4,500	\$ 4,500	\$ 4,450	\$ 0	\$ 0	\$ 8,950	\$ 22,400
10259000	Andreas Creek near Palm Springs	\$ 4,500	\$ 4,500	\$ 4,450	\$ 0	\$ 0	\$ 8,950	\$ 22,400
10259050	Palm Canyon Wash near Cathedral City	\$ 4,450	\$ 4,500	\$ 4,500	\$ 0	\$ 0	\$ 8,950	\$ 22,400
11042700	Murrieta Creek near Murrieta CA	\$ 11,200			\$ 11,200	\$ 0	\$ 0	\$ 22,400
11042800	Warm Springs Creek near Murrieta	\$ 11,200	\$ 0	\$ 0	\$ 11,200	\$ 0	\$ 0	\$ 22,400
11042900	Santa Gertrudis Creek near Temecula	\$ 6,725	\$ 0	\$ 0	\$ 6,725	\$ 0	\$ 8,950	\$ 22,400
11069500	San Jacinto River near San Jacinto	\$ 13,450	\$ 0	\$ 0	\$ 0	\$ 0	\$ 8,950	\$ 22,400
11070070	Bautista Creek at Mouth at Valley Vista	\$ 6,725	\$ 0	\$ 0	\$ 0	\$ 6,725	\$ 8,950	\$ 22,200
11070150	San Jacinto River above State Street near San Jacinto (stage only)	\$ 7,850	\$ 0	\$ 0	\$ 0	\$ -0-	\$ 0	\$ 7,750
11070210	San Jacinto River at Ramona Expressway near Lakeview	\$ 22,400	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 22,400
11070270	Perris Valley Storm Drain at Nuevo Road near Perris	\$ 22,400	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 22,400
11070365	San Jacinto River near Sun City	\$ 22,400	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 22,400
11070465	Salt Creek at Murrieta Road near Sun City	\$ 22,400	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 22,400
11070500	San Jacinto River near Elsinore	\$ 13,450	\$ 0	\$ 0	\$ 0	\$ 0	\$ 8,950	\$ 22,400
	TOTAL	\$ 209,700	\$ 42,025	\$ 41,975	\$ 29,125	\$ 6,725	\$ 124,600	\$ 454,150

Mr. Warren Williams, General Manager and Chief Engineer- Riverside County FC&WCD

Notes on operating limitations at Whitewater at Windy Point (10257550)

10257550 - Whitewater at Windy Point -- Obtaining an accurate record of discharge for this station is contingent on adequate channel maintenance, to be performed by DWA and/or CVWD as described here. The station has two separate gage height sensors and recorders, one for the right- side weir (with the walkway) and one for the left-side (overflow) weir. The channel above and below both weirs will be maintained to insure that the weirs do not become buried by sediment. The channel downstream from both weirs will be kept clear of sediment to the degree necessary to allow an adequate drop over both weirs. The channel above the right-side weir will be cleaned out to maintain a pool upstream from the right-side weir. To insure the greatest accuracy, the upstream dike which directs flow to the right-side weir will be maintained. When destroyed by high flow, the dike will be reestablished as soon as practical.

High flow in the left channel cannot be measured directly with a current meter. Instead, a theoretical stage-discharge rating will be used. A single record representing the total flow over both weirs will be published.