

**REPORT/RECOMMENDATION TO THE BOARD OF SUPERVISORS  
OF SAN BERNARDINO COUNTY FLOOD CONTROL DISTRICT  
AND RECORD OF ACTION**

July 13, 2021

**FROM**

**BRENDON BIGGS, Chief Flood Control Engineer, Flood Control District**

**SUBJECT**

Joint Funding Agreement with United States Geological Survey for Caruthers Creek, West Fork Mojave River, and Santa Ana River Gauging Stations

**RECOMMENDATION(S)**

Acting as the governing body of the San Bernardino County Flood Control District, approve Joint Funding **Agreement No. 21-551** with the United States Geological Survey for the operation and maintenance of three surface water gauging stations located at Caruthers Creek near Ivanpah, West Fork Mojave River near Hesperia, and Santa Ana River in San Bernardino, in which the United States Geological Survey will contribute \$22,005 for the period of October 1, 2021 to September 30, 2022.

(Presenter: Brendon Biggs, Chief Flood Control Engineer, 387-7906)

**COUNTY AND CHIEF EXECUTIVE OFFICER GOALS & OBJECTIVES**

**Ensure Development of a Well-Planned, Balanced, and Sustainable County.**

**Pursue County Goals and Objectives by Working with Other Agencies and Stakeholders.**

**FINANCIAL IMPACT**

Approval of this item will not result in the use of Discretionary General Funding (Net County Cost). The San Bernardino County Flood Control District (District) is funded by property tax revenue, fee revenue, and other local, state, and federal funding. Based on the Joint Funding Agreement (Agreement), the United States Geological Survey (USGS) will contribute 30.27% (\$22,005) and the District will contribute 69.73% (\$50,685) of the total cost of \$72,690 for the operation and maintenance of three surface water gauging stations located at Caruthers Creek near Ivanpah, West Fork Mojave River near Hesperia, and Santa Ana River in San Bernardino. Sufficient appropriation has been included in the District's 2021-22 budget and will be included in 2022-23 recommended budget (1920002522-F01455, 1940002532-F01084, and 1960002540-F01107).

**BACKGROUND INFORMATION**

The USGS operates and maintains stream flow gauging stations throughout the County. Since 1985, the District has participated with USGS to collect data from the three above-listed surface water gauging stations that have assisted the District in developing hydrology models. The District's participation is through an annual agreement prepared by USGS.

This Agreement will allow the District to continue to partially fund the operation and maintenance of three surface water gauging stations located at: (1) Caruthers Creek near Ivanpah; (2) West Fork Mojave River near Hesperia; and (3) Santa Ana River in San

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Bernardino. The data gathered by the stream flow gauging stations is beneficial to both the District and the USGS in developing hydrology models.

These models enable engineers to plan and design flood control facilities that better protect existing and new development. This data is also used during emergency storm operations for evaluating the threat of flooding.

**PROCUREMENT**

Not applicable.

**REVIEW BY OTHERS**

This item has been reviewed by County Counsel (Sophie A. Akins, Deputy County Counsel, 387-5455) on June 3, 2021; Finance (Jessica Trillo, Administrative Analyst, 387-4222) on June 22, 2021; and County Finance and Administration (Matthew Erickson, County Chief Financial Officer, 387-5423) on June 28, 2021.

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Record of Action of the Board of Supervisors  
San Bernardino County Flood Control District

**APPROVED (CONSENT CALENDAR)**

Moved: Joe Baca, Jr. Seconded: Janice Rutherford  
Ayes: Col. Paul Cook (Ret.), Janice Rutherford, Curt Hagman, Joe Baca, Jr.  
Absent: Dawn Rowe

Lynna Monell, CLERK OF THE BOARD

BY   
DATED: July 13, 2021



cc: SDD/SBCFCD- Fam w/agree  
Contractor- C/O SDD/SBCFCD w/agree  
File- w/agree w/maps  
LA 07/15/2021