



**Contra
Costa
County**

To: Contra Costa County Flood Control District Board of Supervisors

From: Brian M. Balbas, Public Works Director/Chief Engineer

Date: February 4, 2020

Subject: Agreement with the California Department of Water Resources: Flood Emergency Response Projects Grants Program — Statewide.

RECOMMENDATION(S):

APPROVE and AUTHORIZE the Chief Engineer, Contra Costa County Flood Control and Water Conservation District (Flood Control District), or designee, to execute an agreement with the California Department of Water Resources: Flood Emergency Response Projects Grants Program — Statewide, in an amount not to exceed \$374,000, for analysis and preparation of flood-stage elevations for 12 existing stream gauges, West and Central County areas.

FISCAL IMPACT:

Grant amount requested is for \$374,000 (100% of the project cost) from the California Department of Water Resources: Flood Emergency Response Projects Grants Program. Grant administration is included in the Project Management portion of the project budget of \$15,840. Any incidental costs associated with the project and not covered by the grant will be paid for by Flood Control District general funds (Project No. 7505-6F8117).

☒ APPROVE

☐ OTHER

☒ RECOMMENDATION OF CNTY
ADMINISTRATOR

☐ RECOMMENDATION OF BOARD
COMMITTEE

Action of Board On: **02/04/2020** ☒ APPROVED AS RECOMMENDED ☐ OTHER

Clerks Notes:

VOTE OF SUPERVISORS

AYE: John Gioia, District I Supervisor

Candace Andersen, District II
Supervisor

Diane Burgis, District III Supervisor

Karen Mitchoff, District IV
Supervisor

Federal D. Glover, District V
Supervisor

I hereby certify that this is a true and correct copy of an action taken and entered on the minutes of the Board of Supervisors on the date shown.

ATTESTED: February 4, 2020

David Twa, County Administrator and Clerk of the Board of Supervisors

By: Stacey M. Boyd, Deputy

Contact: Mark Boucher, (925)
313-2274

BACKGROUND:

In 2014, the County applied for and received a grant from the Department of Water Resources for \$206,500 under the first round of the Flood Emergency Response Project Grant — Statewide (FER Grant). This grant was for 10 stream gauges to be installed on nonlegal Delta streams and for our RainMap webpage (www.cccounty.us/RainMap). The work on that project was completed in December 2017. We were able to find cost savings for some materials and amend the grant agreement to add one stream gauge for a total of 11 new stream gauges under that grant.

The current FER Grant will pay for the establishment of flood-stage elevations at the new stream gauges plus one existing stream gauge. This will provide stream flood stages at 12 of our stream gauges. We will perform records research, field and office surveying, and computer modeling to establish the elevations at each stream gauge where we estimate flooding could occur in the general area upstream and downstream of the stream gauges.

The established flood-stage elevations will be shown on plots on our RainMap so that the general public will be able to view the stream stages and see how close to flood stage the streams are. It will heighten the public's awareness of the stream conditions during area-wide flood watches that are proclaimed by the Department of Water Resources and/or the National Weather Service. We will also communicate these flood stages and stream gauge information with the County Office of Emergency Service and other jurisdictions, such as cities and park districts.

CONSEQUENCE OF NEGATIVE ACTION:

Without the Board of Supervisors' approval, the Flood Control District will not receive funding through the FER Grant described above.

ATTACHMENTS

FER Grant Agreement