



County of Monterey

Board of Supervisors
Chambers
168 W. Alisal St., 1st Floor
Salinas, CA 93901

Board Report

File #: WRAG 18-208, **Version:** 1

Consider approving the Annual Joint Funding Agreement with the United States Geological Survey for streamgaging work in Monterey County in the amount of \$169,525, subject to review and approval by County Counsel; and authorize the General Manager to execute the Agreement.

RECOMMENDATION:

It is recommended that the Monterey County Water Resources Agency Board of Directors:

- a. Approve the Annual Joint Funding Agreement with the United States Geological Survey for streamgaging work in Monterey County in the amount of \$169,525, subject to review and approval by County Counsel; and
- b. Authorize the General Manager to execute the Agreement.

SUMMARY/DISCUSSION:

Annually, a proposal to continue the Joint Funding Agreement (JFA) with the United States Geological Survey (USGS) is submitted to the Board for consideration. This proposal for Federal Fiscal Year 2018-19 covers stream gaging work to be performed by the USGS during the period November 1, 2018 to October 31, 2019.

The cooperative program with the USGS provides quantification of flow and sedimentation on major streams and creeks throughout the County. Services provided by the USGS through this program include the installation and maintenance of equipment, the collection of data using mechanical recorders and USGS personnel, emergency response during flooding and the analyses of data and preparation of the annual streamflow records. Data collected through this program has been used to determine the frequency and magnitude of surface water flow in order to estimate the infiltration of water and the transport of sediment within streambeds; and to estimate the annual sedimentation into reservoirs. Complete and timely surface water data are essential to the management of water resources and greatly facilitates the utilization of modern tools such as ground and surface water models.

OTHER AGENCY INVOLVEMENT:

The Agency and USGS have collaborated in the development of this Agreement. No other agencies have been involved.

FINANCING:

The total cost to of this program (\$306,550) reflects an overall 55/45 split; with 55% funding from the Agency (\$169,525) matched by 45% funding from the Federal government (\$137,025). Funding for this program is partially covered in the current Agency FY 2018-19 budget and the remainder of the agreement will be budgeted in FY 2019-20.

Prepared by: Jason Demers, Hydrologist, (831) 755-4860

Approved by: _____

David E. Chardavoyne, General Manager, (831) 755-4860

Attachments:

1. Joint Funding Agreement for Federal Fiscal Year 2018-19
2. Board Order