



AGENDA MEMORANDUM

Future Item for the City Council Meeting of September 25, 2018
Action Item for the City Council Meeting of October 9, 2018

DATE: September 13, 2018

TO: Keith Selman, Interim City Manager

THROUGH: Mark Van Vleck, Assistant City Manager
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FROM: Dan Grimsbo, Executive Director of Water Utilities
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Annual Joint Funding Agreement for Water Resources Investigation with the United States Geological Survey (USGS)

CAPTION:

Motion authorizing renewal of an annual Joint Funding Agreement for Water Resources Investigation with the United States Geological Survey (USGS), U.S. Department of the Interior, for automated river gauging stations to gather and maintain accurate records of water quality and stream flows associated with the Nueces River and its tributary, with the City's cost to be \$160,350.

PURPOSE:

To continue the use of automated river gauging stations to gather and maintain accurate records of stream flows and automated water quality monitors for rivers associated with the City's reservoirs and the water treatment plant.

BACKGROUND AND FINDINGS:

Texas Water Rights Permit No. 3358 requires specified releases from the reservoir be made to the bays and estuaries. The City utilizes the United States Geological Survey (USGS) to establish automated river gauging stations to quantify and qualify recorded discharges of all inflows and releases in the water reservoir system as well as to properly manage the health and biology of the reservoir system using Water Quality monitors.

To better manage the treatment of water at the O. N. Stevens Water Treatment plant, the gathering of real-time water quality data from the Nueces River prior to the intake pumps is critical. In addition, the streamflow gauges are the primary system used by the City's Dam operations which tracks water levels in and out of the City's reservoirs and gives operators essential data to ensure Dam safety and also provides a means of early flood warning.

The contract period is October 1, 2018 through September 30, 2019.

ALTERNATIVES:

None

OTHER CONSIDERATIONS:

None

CONFORMITY TO CITY POLICY:

This agreement conforms to City Charter requirements

EMERGENCY / NON-EMERGENCY:

Non-emergency

DEPARTMENTAL CLEARANCES:

Legal Department

FINANCIAL IMPACT:

☒ Operating ☐ Revenue ☐ Capital ☐ Not applicable

Fiscal Year: 2017-2018	Project to Date Expenditures (CIP only)	Current Year	Future Year (FY19)	TOTALS
Line Item Budget		\$0	\$166,000	\$166,000
Encumbered / Expended Amount				
This item		\$0	\$160,350	\$160,350
BALANCE		\$0	\$ 5,650	\$ 5,650

Fund(s): Water Fund 4010

Comments: Total cost will be split between the organizations Wesley Seale Dam and Choke Canyon Dam respectively.

RECOMMENDATION:

Approval of the continued annual joint funding agreement with the USGS.

LIST OF SUPPORTING DOCUMENTS:

Joint-funding agreement