



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

ALL

Item Creation Date: 7/10/2017

20DWO08A U.S. Geological Survey Joint Funding Agreement

Agenda Item#:

### **Summary:**

**ORDINANCE APPROVING AND AUTHORIZING A JOINT FUNDING AGREEMENT BETWEEN THE CITY OF HOUSTON AND UNITED STATES GEOLOGICAL SURVEY, A TEXAS WATER SCIENCE CENTER, UNITED STATES DEPARTMENT OF THE INTERIOR FOR WATER RESOURCE INVESTIGATIONS; CONTAINING PROVISIONS RELATING TO THE SUBJECT; AND DECLARING AN EMERGENCY.**

### **Background:**

#### **SUBJECT:**

Approve an Ordinance for a Joint Funding Agreement with the United States Geological Survey for water resource investigation and monitoring .

#### **RECOMMENDATION: (SUMMARY)**

That City Council adopt an ordinance for a Joint Funding Agreement with the United States Geological Survey for water resource investigation and monitoring.

#### **SPECIFIC EXPLANATION:**

It is requested that City Council approve a Joint Funding Agreement between the City of Houston and the Geological Survey Division of the United States Department of the Interior (USGS). This Agreement will provide for continuation of ongoing services for analysis and monitoring of the City's surface water supply, monitoring for the presence of naturally occurring contaminants in our groundwater wells and the monitoring and analysis of streams and bayous that are affected by our wastewater treatment plant discharges. Under the agreement, USGS will provide approximately 30% of the cost of the services provided to the City.

This is a 12-month agreement from July 01, 2017 to June 30, 2018. This agreement is shared between the Drinking Water Operations and Wastewater Operation Branches. Scientific work conducted for the Drinking Water Operations Branch includes source water and ground water monitoring for water quality and long term supply issues. This work is supplemented by Drinking Water Operations personnel collecting and analyzing samples for routine parameters, while the USGS laboratory analyzes for those parameters which cannot be analyzed in-house. They also provide expert technical analysis of sample data collected to assist operations.

The Wastewater Operations Branch utilizes the USGS to conduct wet and dry weather sampling at seven instream sites for fecal coliform, E. Coli, streptococci, pH, temperature, conductance, dissolved oxygen, metals, discharge, and carbonaceous biological oxygen demand for permit compliance demonstration per agreement.

#### **ESTIMATED FISCAL OPERATING IMPACT:**

"Funding for this item is included in the FY2018 Adopted Budget. Therefore, no Fiscal Note is required as stated in the Financial Policy Ord. 2017-1078."

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Carol Ellinger Haddock, PE  
Acting Director  
Department of Public Works and Engineering

#### **Prior Council Action:**

October 5, 2016 - CO 2016 0759

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**Amount of Funding:**

\$1,022,450.00 - Water and Sewer System Operating Fund - Fund 8300

**Contact Information:**

Drew Molly, PE  
Senior Assistant Director  
Phone: (832) 395-3785

**ATTACHMENTS:****Description**

Signed RCA  
SRO  
ordinance  
RCA Funding Information  
Previous Council Action  
USGS Joint Funding Agreement  
Attachment A

**Type**

Signed Cover sheet  
Backup Material  
Ordinance/Resolution/Motion  
Financial Information  
Other  
Backup Material  
Backup Material