TO: Mayor via City Secretary **REQUEST FOR COUNCIL ACTION**

SUBJECT: Approve an Ordinance for a Joint Funding Agreement with the United States Geological Survey for water resource investigation and monitoring.	**Category #**	**Page** 1	**Agenda Item #**

FROM (Department or other point of origin):	**Origination Date**	**Agenda Date**
Department of Public Works and Engineering		
DIRECTOR'S SIGNATURE Daniel R. Menendez, P.E., Acting Director	**Council District affected:** All	
For additional information contact: Yvonne W. Forrest Senior Assistant Director **Phone:** (832) 395-2847	**Date and identification of prior authorizing Council action** Ord. No. 2013-749, dated 08/21/2013	

RECOMMENDATION: (Summary)
Adopt an ordinance for a Joint Funding Agreement with the United States Geological Survey for water resource investigation and monitoring.

Amount and Source of Funding: $977,450.00 - Water and Sewer System Operating Fund (8300)	**Finance Department:**

PREVIOUS HISTORY AND SCOPE:

City Council approved the previous funding agreement on August 21, 2013, Ordinance No. 2013-0749, this agreement approved 12 months of ongoing water resource investigation and monitoring from July 01, 2013 to June 30, 2014.

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, 2014 to June 30, 2015. This agreement is shared between the Drinking Water Operations and Wastewater Operations 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 in-stream 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.

LTS No. 12748	**REQUIRED AUTHORIZATION**	**CUIC ID #20YWF46**
Finance Department	**Other Authorization:** Jason Iken, P.E. Senior Assistant Director	**Other Authorization:** Jun Chang, P.E., D.WRE, Deputy Director, Public Utilities Division