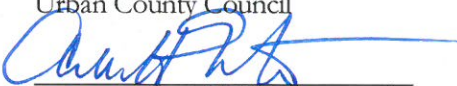




**TO:** Mayor Jim Gray  
Urban County Council

**FROM:**   
Charles H. Martin, P.E., Director  
Division of Water Quality

**DATE:** May 23, 2016

**SUBJECT:** USGS Gauge Network Agreement

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#### Request

The purpose of this memorandum is to request approval of an agreement between the Lexington-Fayette Urban County Government (LFUCG) and the United States Geological Survey (USGS) for the continued operation and maintenance of existing stream flow and rain gauges. The eleven gauges were first installed in 1997 by the USGS, and this agreement will assure necessary maintenance for the period of July 1, 2016 through June 30, 2017.

The USGS will provide complete maintenance and collect all the data. Any station that fails to operate or is damaged will be repaired by the USGS at no cost to LFUCG. Each station will be checked and calibrated monthly by the USGS. All data is retrieved via satellite and is made available to LFUCG.

#### Purpose of Request

The data collected by the gauge network is used by LFUCG for stormwater program activities. The water quality data will be collected in the Wolf Run Watershed in FY 2017.

#### Project Cost in FY 2016 and in Future Budget Years

Funding for this year's agreement for \$116,800 is fully budgeted, and funds have also been requested in the FY 2017 budget to continue this on-going initiative.

#### Are Funds Budgeted

Funds are budgeted and available in the following account:  
4052-303204-3363-71205 USGS\_GAGE CONSENT\_DEGREE

#### Martin/Hoskins-Squier

