

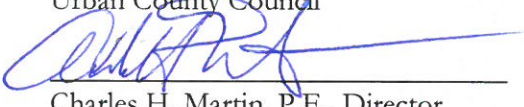
MAYOR JIM GRAY



LEXINGTON

CHARLES H. MARTIN, P.E.
DIRECTOR
WATER QUALITY

TO: Mayor Jim Gray
Urban County Council

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

DATE: May 10, 2017

SUBJECT: USGS Gauge Network Agreement

Request

The Division of Water Quality requests 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. These gauges were installed in 1997 by the USGS, and this agreement will assure necessary maintenance for the period July 1, 2017 through June 30, 2018.

Purpose of Request

The data collected by the gauge network is used by LFUCG and others for storm water management purposes. In FY18, specific water quality data will be collected in the South Elkhorn watershed; in addition to the flow and precipitation data collected in all watersheds served by the gauge network. The USGS will provide complete maintenance and collect all data. Each station will be checked and calibrated monthly by USGS. Any gauge station that fails to operate or is damaged will be repaired by USGS at no cost to LFUCG. All data is retrieved via satellite and is made available to LFUCG via a site hosted by USGS.

Project Cost in FY18 and in Future Budget Years

Funding for this year's agreement for \$118,450.00 is fully budgeted in 4051-303204-3363-71205.

Are Funds Budgeted

Funds have been requested in the FY 2018 budget.

Martin/Hoskins-Squier

