



Lexington-Fayette Urban County Government  
DEPARTMENT OF ENVIRONMENTAL QUALITY AND PUBLIC WORKS

Jim Gray  
Mayor

David L. Holmes  
Commissioner

To: Jim Gray, Mayor  
Urban County Council

From: Gregory S. Lubeck, P.E., CFM  
Engineering Section Manager

Date: May 8, 2015

RE: USGS Gauge Network Agreement

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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. These gauges were installed in 1997 by the USGS, and this agreement will assure necessary maintenance for the period July 1, 2015 through June 30, 2016.

The USGS will provide complete maintenance and collect all data. Any station that fails to operate or is damaged will be repaired by USGS at no cost to LFUCG. Each station will be checked and calibrated monthly by USGS. All data is retrieved via satellite and is made available to us. This program is ongoing and will require annual funding for proper performance. Funding for this year's agreement for \$116,880.00 is fully budgeted in 4052-303204-3363-71205 USGS\_GAGE CONSENT\_DE.

The agreement is slightly more than last year for the relocation of the water quality parameter monitoring gauge to the Town Branch creek gauge at Yarnallton Road. This additional monitoring gauge will result in a full year's data, which will help fulfill a condition of LFUCG's MS4 permit.

Approved by:

Charles Martin, P.E.  
Director of Water Quality

C: Cassie Felty  
File