



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

Jim Gray  
Mayor

Richard Moloney  
Acting Commissioner

To: Jim Gray, Mayor  
Urban County Council

From: Gregory S. Lubeck, P.E., CFM  
Municipal Engineer Senior

Date: May 1, 2012

RE: USGS Gage Network Agreement

---

With this memorandum is an agreement between the Lexington-Fayette Urban County Government and the United States Geological Survey 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, 2012 through June 30, 2013.

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 \$115,740.00 is budgeted in 4051-303204-3363-71205.

The additional amount in this agreement is for the relocation of five of the gages to allow the data collected by them to be used by the MS4 Program Management Consultant to better correlate monitoring results with storm events, and also to conduct six (6) months of additional water quality parameter monitoring at the North Elkhorn gage at Winchester Rd. In 2011, the water quality parameters were monitored for six months, with good results. This additional six months monitoring will result in a full years' 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