

**RESOLUTION APPROVING A CONTRACT IN THE AMOUNT OF \$144,800 WITH THE
UNITED STATES GEOLOGICAL SURVEY FOR STREAM FLOW AND RAINFALL
GAUGES WITHIN THE GREENSBORO CITY LIMITS**

WHEREAS, Water Resources is requesting to enter into a contract with the United States Geological Survey (USGS) to maintain the network of continuous stream flow and rainfall gauges within Greensboro city limits;

WHEREAS, the data collection network consists of 12 gauging stations that are operated and maintained by the USGS and allow the City to quantify both rainfall and stream flow in our major streams that include North Buffalo, South Buffalo, Reedy Fork, Brush Creek and Horse Pen Creek;

WHEREAS, the continuous monitoring data is available to the public in near real time mode via the USGS's Website;

WHEREAS, the continuous stream flow and rainfall gauging allows City staff to better quantify individual drainage and flooding problems, is used for monitoring area rainfall and stream flow into the City's three drinking water lakes, and is used for hydraulic modeling and calculating pollutant loads.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GREENSBORO:

That the City is authorized to enter into a contract USGS stream flow and rainfall gauges within Greensboro City Limits subject to the terms outlined above. The Mayor and/or City Manager and the City Clerk are hereby authorized to execute on behalf of the City of Greensboro a proper contract to carry the proposal into effect, payment to be made in the amount of \$144,800 from Account No. 505-7003-03.5413.