COUNTY AGENDA REQUEST

Department:	Water System	Presenter(s):	Water System Director Lee Pope
Meeting Date:	10/23/2014	Type of Request:	Consent

Wording for the Agenda:

Approval of staff's recommendation to enter into a Joint Funding Agreement between Fayette County and the United States Geological Survey, beginning October 1, 2014 and expiring on September 30, 2015, in the amount of $281,960.00, to provide water flow, stream data, and CFS flow monitoring, and approval to utilize an additional $82,270.00 from the Water System's Renewal and Extension Fund.

Background/History/Details:

The Georgia Department of Natural Resources requires all Water System's monitor the flow of water in its raw water sources. Fayette County monitors below where the county takes out water for storage, treatment and distribution. The United States Geological Survey's (USGS) Water Resources Division performs this type of work, and Fayette County contracts with USGS for its services. The USGS has the only acceptable method for stream flow monitoring that is used for reporting and compliance monitoring of open channel streams. Several of these sites are also monitored for water quality. There are currently "monitoring stations" at four locations: one on the Flint River, two on Line Creek, and one on Shoal Creek. Eleven additional sites have been added to this year's agreement. Monitoring ensures adequate water flow below the the county's facilities. The volume of water in a stream effects plant and animal life, and regulations are required to maintain aquatic life. Monitors will not only ensure protection of the environment but will also give data that can be used for the elimination of those activities that are negatively affecting the waters as they pass through our county. The provided data can also be used to remove 303D listed streams while providing date that proves the support of aquatic life.
The proposed agreement is designed to fulfill the monitoring requirements as outlined by the Metropolitan North Georgia Water Planning District (MNGWPD) and the Georgia Environmental Protection Division (GEPD). This agreement will cover October 1, 2014 through September 30, 2015, and it includes eleven additional sites. The cost of the monitoring this year is $281,960.00. These funds are budgeted annually in the Water System's operating budget.

What action are you seeking from the Board of Commissioners?

Approval of staff's recommendation to enter into a Joint Funding Agreement between Fayette County and the United States Geological Survey, beginning October 1, 2014 and expiring on September 30, 2015, in the amount of $281,960.00, to provide water flow, stream data, and CFS flow monitoring, and approval to utilize an additional $82,270.00 from the Water System's Renewal and Extension Fund.

If this item requires funding, please describe:

Funding for this project was budgeted in the Water System's Maintenance and Operating Budget; however, an additional $82,270.00 needs to be transferred from the Water System Renewal and Extension Fund.

Has this request been considered within the past two years?	Yes	If so, when?	Annually
Is Audio-Visual Equipment Required for this Request?	No	Backup Provided with Request?	Yes

STAFF USE ONLY

Approved by Finance	Yes	Reviewed by Legal	
Approved by Purchasing	Not Applicable	County Clerk's Approval	Yes
Administrator's Approval			

Staff Notes:

The requested additional funds, in the amount of $82,270.00, are needed due to the increase in the number of monitoring sites. In recent years, Fayette County funded four monitoring sites at a cost of about $89,990.00. This request and the additional funds will support fifteen monitoring sites. The increased number of monitoring sites involves increased costs of approximately $191,970.00. These monitoring sites are primarily located in the northern and southern parts of Fayette County; monitoring water that flows into the county and out of the county.

United States Department of the Interior

U.S. GEOLOGICAL SURVEY
Georgia Water Science Center
1770 Corporate Drive, Suite 500
Norcross, Georgia 30093
Phone: (678) 924-6691 Fax: (678) 924-6710
http://ga.water.usgs.gov

Customer Number: 6000001126
Agreement Number:
15ESGAMF0000003
TIN: 586000826
Fixed Cost Agreement: YES

August 1, 2014

Mr. Lee Pope, Director
Fayette County Water System
245 McDonough Road
Fayetteville, Georgia 30214

Dear Mr. Pope:

Enclosed please find two copies of a Joint Funding Agreement (JFA) with original signatures for the project entitled "maintenance of the following real-time streamgages:

#02344396	Flint River at Woolsey Road, near Woolsey, GA	$13,600
#02344605	Line Creek downstream of GA 54, near Peachtree City, GA	$13,600
#02344620	Shoal Creek at GA 54, near Sharpsburg, GA	$13,600
#02344360	Line Creek below Lake McIntosh, near Peachtree City, GA. #02344360 also has continuous water-quality monitoring	$49,190
NEW	Morning Creek at Westbridge Road	$18,400
NEW	Whitewater Creek at Eastin Road	$13,600
NEW	Whitewater Creek at Sherwood Road	$13,600
NEW	Whitewater Creek blw Starrs Mill Dam	$18,400
NEW	Lake Kedron near Peachtree City	$6,400
NEW	Flat Creek above Lake Peachtree, near Peachtree City	$41,180
NEW	Lake Peachtree at Peachtree City	$6,400
NEW	Flat Creek below Lake Peachtree, Peachtree City	$49,190
NEW	Lake Horton near Peachtree City	$6,400
NEW	Camp Creek at Helmer Road	$13,600
NEW	Nash Creek (bacteria only)	$4,800

This agreement is entered into by the USGS under authority of 43 USC 36C; 43 USC 50; and 43 USC 50b.
This JFA covers the period beginning on October 1, 2014, and ending on September 30, 2015, at a total cost of $281,960 provided by FAYETTE COUNTY WATER SYSTEM, FAYETTE COUNTY, GEORGIA.

Please have both copies signed by an authorized official(s), retaining one copy for your records, and returning the other to the attention of Angel Spencer, Administrative Officer, at the address shown above. Work cannot be started or continued until we receive the signed agreement. All work performed with funds from this agreement will be conducted on a fixed-price basis. Billing for this JFA will be rendered quarterly. Please do not send a check at this time as you will be billed at a later date which will include payment instructions with the address for mailing your check. The results of all work under this agreement will be available for publication by the U.S. Geological Survey. Any party may terminate this agreement by providing 60 day's written notice to the other party.

If you have any questions or require additional information please contact Brian E. McCallum, Acting Director, at 678-924-6672 or via email at bemccall@usgs.gov.

Sincerely,

Brian E. McCallum

Brian E. McCallum, Acting Director
USGS Georgia Water Science Center
DUNS# 937842847 / GGESMF0000

Form 9-1366
(Oct. 2005)

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JOINT FUNDING AGREEMENT

Customer #:	6000001126
Agreement #:	15ESGAMF0000003
Project #:	GC15MF00001000C
TIN #:	586000826
Fixed Cost Agreement	YES

FOR

USGS GEORGIA WATER SCIENCE CENTER

THIS AGREEMENT is entered into as of the, 1st day of October, 2014 by the U.S. GEOLOGICAL SURVEY, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the FAYETTE COUNTY WATER SYSTEM, FAYETTE COUNTY, GEORGIA, party of the second part.

1. The parties hereto agree that subject to availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation "maintenance of the following real-time streamgages: #02344396 Flint River at Woolsey Road, near Woolsey, GA; #02344605 Line Creek downstream of GA 54, near Peachtree City, GA; #02344620 Shoal Creek at GA 54, near Sharpsburg, GA; #02344360 Line Creek below Lake McIntosh, near Peachtree City, GA; and #02344360 also has continuous water-quality monitoring," herein called the program. The USGS legal authority is 43 USC 36C; 43 USC 50; and 43 USC 50b.

2. The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program. 2(b) includes In-Kind Services in the amount of $0.00 .

   (a) by the party of the first part during the period

Amount	Date	to	Date
$0.00	October 1, 2014		September 30, 2015

   (b) by the party of the second part during the period

Amount	Date	to	Date
$281,960.00	October 1, 2014		September 30, 2015

   (c) Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties.

   (d) The performance period may be changed by mutual agreement and set forth in an exchange of letters between the parties.

3. The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.

4. The field and analytical work pertaining to this program shall be under the direction of or subject to periodic revie by an authorized representative of the party of the first part.

5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the part of the first part to insure the required standards of accuracy subject to modification by mutual agreement.

6. During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner either party may terminate this agreement upon 60 days written notice to the other party.

7. The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.

8. The maps, records, or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records, or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program and, if already published by the party of the first part shall, upon request, be furnished by the party of the first part, at costs, impressions suitable for purposes of reproduction similar to tha for which the original copy was prepared. The maps, records, or reports published by either party shall contain a statement the cooperative relations between the parties.

9. USGS will issue billings utilizing Department of the Interior Bill for Collection (form DI-1040). Billing documents are to be rendered QUARTERLY. Payments of bills are due within 60 days after the billing date. If not paid by the due date, interest will be charged at the current Treasury rate for each 30 day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File B-212222, August 23, 1983).

U.S. Geological Survey United States Department of the Interior		FAYETTE COUNTY WATER SYSTEM, FAYETTE COUNTY, GEORGIA	
USGS Point of Contact		**Customer Point of Contact**	
Name:	Brian McCallum	Name:	Lee Pope
Address:	1770 Corporate Drive, Suite 500 Norcross, Georgia 30093	Address:	245 McDonough Road Fayetteville, Georgia 30214
Telephone:	678-924-6672	Telephone:	770.320.6016
Email:	bemccall@usgs.gov	Email:	lpope@fayettecountyga.gov

Signatures and Date

Signature:	Edward H Martin 8-4-14	Signature:	
Date:		Date:	
Name:	Edward H. Martin	Name:	
Title:	Director	Title:	

		O&M cost		Streamgage	QW sonde	SSC/TSS	Bacteria	Station Total
02344396	Flint River at Woolsey Road, near Woolsey, GA	$ 13,600		13600	0	0	0	13600
02344605	Line Creek downstream of GA 54, near Peachtree City, GA	$ 13,600		13600	0	0	0	13600
02344620	Shoal Creek at GA 54, near Sharpsburg, GA	$ 13,600		13600	0	0	0	13600
02344360	Line Creek below Lake McIntosh, near Peachtree City, GA	$ 49,190		13600	30790	0	4800	49190
NEW	Morning Creek at Westbridge Road	$ 18,400		13600	0	0	4800	18400
NEW	Whitewater Creek at Eastin Road	$ 13,600		13600	0	0	0	13600
NEW	Whitewater Creek at Sherwood Road	$ 13,600		13600	0	0	0	13600
NEW	Whitewater Creek blw Starrs Mill Dam	$ 18,400		13600	0	0	4800	18400
NEW	Lake Kedron near Peachtree City	$ 6,400		6400	0	0	0	6400
NEW	Flat Creek above Lake Peachtree, near Peachtree City	$ 41,180		13600	16930	5850	4800	41180
NEW	Lake Peachtree at Peachtree City	$ 6,400		6400	0	0	0	6400
NEW	Flat Creek below Lake Peachtree; at Peachtree City	$ 49,190		13600	30790	0	4800	49190
NEW	Lake Horton near Peachtree City	$ 6,400		6400	0	0	0	6400
NEW	Camp Creek at Helmer Road	$ 13,600		13600	0	0	0	13600
NEW	Nash Creek (bacteria only)	$ 4,800		0	0	0	4800	4800
		$ 281,960	TOTAL	168800	78510	5850	28800	281960