



LAKE COUNTY FOREST PRESERVES

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Preservation, Restoration, Education and Recreation

**DATE:** October 5, 2015

**MEMO TO:** Bonnie Thomson Carter, Chair  
Planning and Restoration Committee

S. Michael Rummel, Chair  
Finance and Administrative Committee

**FROM:** James L. Anderson, Director  
Natural Resource Department

**SUBJECT:** Joint Funding Agreement with USGS for Stream Gauge and Sediment Monitoring at Ethel's Woods Forest Preserve

**RECOMMENDATION:** Recommend approval of a Resolution approving a Joint Funding Agreement with the U.S. Geological Survey for Stream Gauge and Sediment Monitoring at Ethel's Woods Forest Preserve.

**BACKGROUND:** In 2007, as part of the ongoing planning for restoration of Rasmussen Lake, the District entered into a Joint Funding Agreement with the U.S. Geological Survey (USGS), pursuant to which the USGS installed and now monitors stream gauges that capture information about stream discharge and sediment transport at three locations near Ethel's Woods Forest Preserve. The USGS is interested in continuing collaboration in gathering data on stream flows and sediment from upstream and downstream at the preserve. Implementation of the restoration project began in 2014, and the monitoring is critical to record any changes resulting from the restoration.

**REASON FOR RECOMMENDATION:** Committee recommendation and Board approval are required in accordance with District policy.

**REVIEW BY OTHERS:** Chief Operations Officer, Director of Finance, Legal Counsel

**FINANCIAL DATA:** The project was part of the adopted FY2015/2016 Capital Improvement Plan for Ethel's Woods Forest Preserve. The total cost of \$90,900.00 is to be shared by the District and the USGS. The District's cost of \$47,400.00 will be charged to account 20104100-803200-63910.

**PRESENTER:** James L. Anderson

STATE OF ILLINOIS )  
 ) SS  
 COUNTY OF LAKE )

**BOARD OF COMMISSIONERS  
 LAKE COUNTY FOREST PRESERVE DISTRICT  
 REGULAR OCTOBER MEETING  
 OCTOBER 13, 2015**

**MADAM PRESIDENT AND MEMBERS OF THE BOARD OF COMMISSIONERS:**

Your **PLANNING AND RESTORATION COMMITTEE** and **FINANCE AND ADMINISTRATIVE COMMITTEE** present herewith “A Resolution Approving a Joint Funding Agreement with the U.S. Geological Survey for Stream Gauge and Sediment Monitoring at Ethel’s Woods Forest Preserve,” and request its adoption.

<b>PLANNING AND RESTORATION COMMITTEE:</b>	<b>YEA</b>	<b>NAY</b>	<b>FINANCE AND ADMINISTRATIVE COMMITTEE:</b>	<b>YEA</b>	<b>NAY</b>
_____	<input type="checkbox"/>	<input type="checkbox"/>	_____	<input type="checkbox"/>	<input type="checkbox"/>
Bonnie Thomson Carter, Chair			S. Michael Rummel, Chair		
_____	<input type="checkbox"/>	<input type="checkbox"/>	_____	<input type="checkbox"/>	<input type="checkbox"/>
Nick Sauer, Vice Chair			Linda Pedersen, Vice Chair		
_____	<input type="checkbox"/>	<input type="checkbox"/>	_____	<input type="checkbox"/>	<input type="checkbox"/>
Carol Calabresa			Steve Carlson		
_____	<input type="checkbox"/>	<input type="checkbox"/>	_____	<input type="checkbox"/>	<input type="checkbox"/>
Bill Durkin			Bill Durkin		
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Sandra Hart			Sandra Hart		
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Diane Hewitt			Aaron Lawlor		
_____	<input type="checkbox"/>	<input type="checkbox"/>	_____	<input type="checkbox"/>	<input type="checkbox"/>
Sid Mathias			Audrey Nixon		
_____	<input type="checkbox"/>	<input type="checkbox"/>			
Craig Taylor					
_____	<input type="checkbox"/>	<input type="checkbox"/>			
Tom Weber					

**LAKE COUNTY FOREST PRESERVE DISTRICT  
LAKE COUNTY, ILLINOIS**

**A RESOLUTION APPROVING A JOINT FUNDING AGREEMENT WITH THE U.S. GEOLOGICAL SURVEY  
FOR STREAM GAUGE AND SEDIMENT MONITORING AT ETHEL'S WOODS FOREST PRESERVE**

**WHEREAS**, the Lake County Forest Preserve District (the "District") owns property that is known as Ethel's Woods Forest Preserve, which contains a man-made lake known as Rasmussen Lake, which was created by damming North Mill Creek; and

**WHEREAS**, the District removed the dam and is restoring North Mill Creek at Ethel's Woods Forest Preserve to a natural condition; and

**WHEREAS**, the District and the U.S. Geological Survey, (the "USGS") desire to jointly fund the operation, maintenance and monitoring of three discharge stream gauge and sediment monitoring stations at North Mill Creek at Hickory Corners, Hastings Creek near Lindenhurst, and North Mill Creek near Millburn, and to collect information from these stations about stream discharge and sediment, (the "Services"); and

**WHEREAS**, the Director of Natural Resources and the Purchasing Manager have determined that the Services require personal confidence; and

**WHEREAS**, the District has received a proposal from the USGS, pursuant to which the USGS would perform the Services in accordance with the attached joint funding agreement between the District and the USGS, with the parties sharing the costs of the Services (the "Agreement"); and

**WHEREAS**, the District's staff, the Purchasing Manager, the Director of Natural Resources, the Planning and Restoration Committee, and the Finance and Administrative Committee have reviewed the proposal and recommend that the Board of Commissioners (i) find the proposal submitted by the USGS be determined to be the proposal that is most advantageous to the District, and (ii) award the Agreement for the Services to the USGS for a cost to the District not to exceed \$ 47,400.00 (the "Contract Price"); and

**WHEREAS**, pursuant to Section 10 of Article VII of the Illinois Constitution of 1970, units of local government, such as the District may contract or otherwise associate with the USGS to obtain or share services and to exercise, combine, or transfer any power or function, in any manner not prohibited by law or ordinance; and

**WHEREAS**, pursuant to the Intergovernmental Cooperation Act, 5 ILCS 220/1 et seq., any power, privilege, function, or authority exercised by a public agency, including the District and the USGS, may be exercised, combined, transferred, and enjoyed jointly with any other public agency of the United States to the extent not prohibited by law;

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Commissioners of the Lake County Forest Preserve District, Lake County, Illinois THAT:

Section 1. Recitals. The recitals set forth above are incorporated as a part of this Resolution by this reference.

Section 2. Approval of the Agreement. The Agreement is hereby approved in substantially the form attached hereto. The President and Secretary of the District are authorized to execute and attest to the Agreement.

Section 3. Effective Date. This Resolution shall be in full force and effect from and after its passage and approval in the manner provided by law.

PASSED this \_\_\_\_\_ day of \_\_\_\_\_, 2015

AYES:

NAYS:

APPROVED this \_\_\_\_\_ day of \_\_\_\_\_, 2015

ATTEST:

\_\_\_\_\_  
Ann B. Maine, President  
Lake County Forest Preserve District

\_\_\_\_\_  
Julie A. Gagnani, Secretary  
Lake County Forest Preserve District

Exhibit \_\_\_\_\_