



LAKE COUNTY FOREST PRESERVES  
www.LCFPD.org

Preservation, Restoration, Education and Recreation

**DATE:** August 28, 2017

**MEMO TO:** Carol Calabresa, Chair  
Planning Committee

S. Michael Rummel, Chair  
Finance Committee

**FROM:** James L. Anderson  
Director of Natural Resources

**RECOMMENDATIONS:**

1. Recommend approval of an Ordinance amending (i) the FY 2017/2018 Appropriations Ordinance, (ii) the FY 2017/2018 Budget, and (iii) the Ten-Year Capital Improvement Plan, to approve expenditures in FY 2017/2018 for the Ethel's Woods – North Mill Creek Restoration project.
2. Recommend approval of a Resolution awarding a Contract for the North Mill Creek Channel Restoration – Phase 2 at Ethel's Wood's Forest Preserve to Applied Ecological Services, Inc., Brodhead, WI in the Contract Price of \$4,007,893.63.

**STRATEGIC DIRECTIONS SUPPORTED:** Conservation; Organizational Sustainability

**FINANCIAL DATA:** This project was approved as part of the adopted Ten-Year Capital Improvement Plan. Funding in the CIP includes (i) a carry-forward amount of \$53,866, (ii) funding in FY 2017/2018 of \$2,613,400, (iii) funding of \$173,000 in FY 2018/2019, (iv) funding of \$47,400 in FY 2019/2020, and (v) funding of \$47,400 in FY 2020/2021, for a total of \$2,935,066. Additional funding is available from two sources. The actual carry-forward amount (which was only an estimate in the CIP) is now \$208,144 (an additional \$154,278). Also, on October 3, 2016, the Illinois EPA approved a \$1,000,000.00 grant for the project. Therefore, the total available funding for the project is now \$4,089,344.00. This portion of the project was estimated at \$4,131,700.00. The actual cost of \$4,007,893.63 will be charged as follows: \$2,454,890 to account 35304100-803200-63910, \$553,003.63 to account 20104100-803200-63910 and \$1,000,000 to account 69644100-803200-63910.

**BACKGROUND:** In June 2014 the District awarded a restoration contract for modifying the Rasmussen Lake dam at Ethel's Woods Forest Preserve to complete Phase 1 of the approved construction project to slowly lower the level of the lake. Upon completion of this work in June of 2016 the District approved an engineering contract with V3 Companies of Illinois to engineer Phase 2 construction to meet Illinois EPA guidelines. During the first phase of the project, as the lake level dropped, a second smaller dam was revealed at the northern end of the lake and it was determined that it would be critical to the success of the overall project to have this dam

removed. The removal of the second dam was then added to the Phase 2 project as a bid alternative.

The engineering for Phase 2 is complete and all permits have been obtained to implement Phase 2 of the restoration of North Mill Creek, including the second dam removal. During the engineering phase, the District applied for and has received notice of award for an Illinois Section 319 Grant in the amount of \$1,000,000.00, which provided enough funding to complete the project, including the second dam removal. Overall, this phase of the project will create a stream channel through the former lake sediments and reconnect it to North Mill Creek both upstream and downstream. The contracted work involves removing a portion of the existing Rasmussen Lake Dam, removing the upstream low head dam, removing the existing concrete spillway, channel restoration grading and in-stream features installation, bank stabilization grading, implementation of in-stream water management plan and erosion control measures, tree and brush clearing, significant wetland planting, and upland restoration seeding.

Staff is recommending that the Appropriations Ordinance, the Budget, and the CIP be amended so that the grant funds and dollars allocated to the project in future fiscal years are available this current fiscal year so that the entire contract can be awarded. This contract will complete the major work of this restoration project. The work specified in this contract will span fiscal years, and the funds not expended at the end of the year will roll forward until the project is complete.

The project was advertised on July 6, 2017 and four bids were received. A summary of the bids received is listed below:

	<b><u>TOTAL BID</u></b>
Applied Ecological Services, Inc., Brodhead, WI	\$ 4,007,893.63
V3 Construction Group, Woodridge, IL	\$ 5,133,239.05
Campanella & Sons, Inc., Wadsworth, IL	\$ 5,479,478.23
John Keno & Company, Inc. Chicago, IL	\$ 5,862,487.75

Staff recommends that Applied Ecological Services, Inc. be awarded the contract as the lowest responsible bidder. The original low bid was over the project budget. District staff removed approximately \$326,500.00 of line items and negotiated with Applied Ecological Services, Inc. which lowered its original bid by approximately \$155,500.00. Funding from the CIP in future years was planned for additional plantings and monitoring by the USGS. The future plantings and monitoring are being eliminated and the funds allocated to that work will be used to fund the Base Bid and Alternative 1.

Work is anticipated to begin October 2017 and be completed by December 31, 2021.

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

STATE OF ILLINOIS    )  
                                  ) SS  
COUNTY OF LAKE     )

**BOARD OF COMMISSIONERS  
LAKE COUNTY FOREST PRESERVE DISTRICT  
REGULAR SEPTEMBER MEETING  
SEPTEMBER 12, 2017**

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

Your **PLANNING COMMITTEE** and **FINANCE COMMITTEE** present herewith “An Ordinance Amending the Fiscal Year 2017/18 Appropriations Ordinance, Fiscal Year 2017/18 Budget and Ten-Year Capital Improvement Plan to Approve Funding for the Ethel’s Woods-North Mill Creek Project,” and request its approval.

**PLANNING COMMITTEE:**

Date: \_\_\_\_\_ ☐ Roll Call Vote: Ayes: \_\_\_\_\_ Nays: \_\_\_\_\_  
☐ Voice Vote Majority Ayes; Nays: \_\_\_\_\_

**FINANCE COMMITTEE:**

Date: \_\_\_\_\_ ☐ Roll Call Vote: Ayes: \_\_\_\_\_ Nays: \_\_\_\_\_  
☐ Voice Vote Majority Ayes; Nays: \_\_\_\_\_

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

**AN ORDINANCE AMENDING  
THE FISCAL YEAR 2017/2018 APPROPRIATIONS ORDINANCE, FISCAL YEAR  
2017/2018 BUDGET, AND TEN-YEAR CAPITAL IMPROVEMENT PLAN TO APPROVE  
FUNDING FOR THE ETHEL'S WOODS-NORTH MILL CREEK PROJECT**

Passed and Approved by  
the Board of Commissioners  
of  
the Lake County Forest Preserve District  
Lake County, Illinois  
this 12<sup>th</sup> day of September, 2017.

Published in pamphlet form by direction  
and authority of the Board of Commissioners of  
the Lake County Forest Preserve District  
Lake County, Illinois  
this \_\_\_\_ day of \_\_\_\_\_, 2017.

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

**AN ORDINANCE AMENDING THE FISCAL YEAR 2017/2018 APPROPRIATIONS  
ORDINANCE, FISCAL YEAR 2017/18 BUDGET AND  
TEN-YEAR CAPITAL IMPROVEMENT PLAN TO APPROVE FUNDING FOR  
THE ETHEL'S WOODS-NORTH MILL CREEK PROJECT**

**WHEREAS**, on February 14, 2017, the Lake County Forest Preserve District ("District") Board of Commissioners approved a resolution approving the District's Ten-Year Capital Improvement Plan ("CIP"), which includes funding for the Ethel's Woods - North Mill Creek Restoration ("Project") in the amount of \$2,935,066; and

**WHEREAS**, on May 9, 2017 the District Board of Commissioners approved an Ordinance setting forth the District's annual appropriations for Fiscal Year 2017/2018 ("Appropriations Ordinance") and an Ordinance approving the District's Fiscal Year 2017/2018 Budget ("Budget"), which includes expenditures in the current fiscal year of \$2,667,266 for the Project; and

**WHEREAS**, the District has received notice of award for an Illinois Section 319 Grant from the Illinois Environmental Protection Agency in the amount of \$1,000,000.00 ("Grant Funds"); and

**WHEREAS**, the District has additional carry-forward funds of \$154,278 available for the Project, that were previously appropriated and budgeted and will be carried forward to FY 2017/18 ("Additional Carry-Over Funds"); and

**WHEREAS**, it is in the best interest of the District to (i) amend the Appropriations Ordinance to appropriate the Grant Funds in FY 2017/18, (ii) amend the Budget to approve the expenditure, in FY 2017/18, of the Grant Funds and additional Land Development levy funds that were originally allocated to FY 2018/19, FY 2019/20, and FY FY2021/22 in the amount of \$267,800 (the "Additional Land Development Levy Funds"), and (iii) amend the CIP to reflect such changes, all for the purposes of the Project; and

**WHEREAS**, with the Grant Funds, the Additional Carry-Over Funds, and the Additional Land Development Levy Funds, the District has available to it total additional funding of \$1,422,078;

**NOW, THEREFORE, BE IT ORDAINED** 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 part of this Ordinance by this reference.

Section 2. Amendment of Appropriations Ordinance. The Appropriations Ordinance is hereby amended to increase the Donation and Grant Fund by \$1,000,000 (from \$2,379,000 to \$3,379,000) so that the following line item of Section 2 of the Appropriations Ordinance will read as follows:

<u>Fund Code</u>	<u>Fund Name</u>	<u>Appropriation FY 2018</u>
6000-7900	Donations and Grant Fund	3,379,000

Pursuant to Section 18-50 of the Illinois Property Tax Code (35 ILCS 200/18-50), the District Treasurer is hereby directed to execute a certification of the estimated revenues of the District, in a form approved by the District's General Counsel and the District Secretary is hereby directed to file a certified copy of this Ordinance with the County Clerk of Lake County, Illinois within 30 days after its passage and approval.

### Section 3. Amendment of Budget.

#### A. Donation and Grant Fund.

The Donation and Grant Fund section of the Budget (at page 161) is hereby amended by changing the table titled "EXPENDITURES BY OBJECT:" so that the line items "Capital Outlay" and "Total Expenditures by Object" read as follows:

<b>EXPENDITURES BY OBJECT:</b>	<b>FY 16/17 Budget</b>	<b>% of Total</b>	<b>FY 17/18 Budget</b>	<b>% of Total</b>	<b>Amount Change</b>	<b>% Change</b>
Capital Outlay	1,057,611	77.88%	1,147,470	83.20%	89,859	8.50%
<b>Total Expenditures by Object</b>	<b>\$1,357,985</b>	<b>100.00%</b>	<b>\$1,379,230</b>	<b>100.00%</b>	<b>\$21,245</b>	<b>1.56%</b>

The Donation and Grant Fund section of the Budget (at page 161) is hereby further amended by changing the table titled "EXPENDITURES BY FUNCTION:" so that the line items "Natural Resource" and "Total Expenditures by Function" read as follows:

<b>EXPENDITURES BY FUNCTION:</b>	<b>FY 16/17 Budget</b>	<b>% of Total</b>	<b>FY 17/18 Budget</b>	<b>% of Total</b>	<b>Amount Change</b>	<b>% Change</b>
Natural Resource	1,133,202	83.45%	1,231,470	83.20%	98,268	8.67%
<b>Total Expenditures by Function</b>	<b>\$1,357,985</b>	<b>100.00%</b>	<b>\$1,379,230</b>	<b>100.00%</b>	<b>\$21,245</b>	<b>1.56%</b>

The Donation and Grant Fund section of the Budget (at page 162) is hereby further amended by changing the portions of the line items under "2017/18 Budget" titled "State Grants," "Total Revenues," "Capital Imprvmnts-Preserves," "Total Capital," and "Total Expenditures" so that they read as follows:

	<b>2017/18 Budget</b>
State Grants	1,033,390
<b>Total Revenues</b>	<b>\$1,392,030</b>
Capital Imprvmnts-Preserves	1,147,470
<b>Total Capital</b>	<b>1,147,470</b>
<b>Total Expenditures</b>	<b>\$1,379,230</b>

#### B. Land Development Levy Fund.

The Land Development Levy Fund section of the Budget (at page 137) is hereby amended by changing the table titled "EXPENDITURES BY OBJECT:" so that the line items "Capital Outlay and Projects" and "Total Expenditures by Object" read as follows:

<b>EXPENDITURES BY OBJECT:</b>	<b>FY 16/17 Budget</b>	<b>% of Total</b>	<b>FY 17/18 Budget</b>	<b>% of Total</b>	<b>Amount Change</b>	<b>% Change</b>
Capital Outlay and Projects	3,418,391	37.91%	1,815,300	24.56%	(1,603,091)	-46.90%
<b>Total Expenditures by Object</b>	<b>\$9,017,716</b>	<b>100.00%</b>	<b>\$7,390,210</b>	<b>100.00%</b>	<b>(\$1,627,506)</b>	<b>-18.05%</b>

The Land Development and Levy Fund section of the Budget (at page 137) is hereby further amended by changing the table titled “EXPENDITURES BY FUNCTION:” so that the line items “Capital Outlay and Projects” and “Total Expenditures by Function” read as follows:

<b>EXPENDITURES BY FUNCTION</b>	<b>FY 16/17 Budget</b>	<b>% of Total</b>	<b>FY 17/18 Budget</b>	<b>% of Total</b>	<b>Amount Change</b>	<b>% Change</b>
Capital Outlay and Projects	3,418,391	37.91%	1,815,300	24.56%	(1,603,091)	-46.90%
<b>Total Expenditures by Function</b>	<b>\$9,017,716</b>	<b>100.00%</b>	<b>\$7,390,210</b>	<b>100.00%</b>	<b>(\$1,4627,506)</b>	<b>-18.05%</b>

The Land Development and Levy Fund section of the Budget (at pages 138 and 139) is hereby further amended by changing the portions of the line items under “2017/18 Budget” titled “Capital Imprvmnts-Preserves,” “Total Capital,” “Total Expenditures,” “Revenue Excess (Deficit) over Expenditures,” and “Ending Fund Balance” so that they read as follows:

	<b>2017/18 Budget</b>
Capital Imprvmnts-Preserves	1,787,300
<b>Total Capital</b>	<b>1,815,300</b>
<b>Total Expenditures</b>	<b>7,390,210</b>
<b>Revenue Excess (Deficit) over Expenditures</b>	<b>(910,240)</b>
<b>Ending Fund Balance</b>	<b>7,876,141</b>

Section 4. Amendment of the CIP. The Executive Director is hereby authorized and directed to amend the CIP by making any amendments that are necessary or appropriate to reflect the amendments in Sections 2 and 3 of this Ordinance.

Section 5. Effective Date; Publication. This Ordinance shall be in full force and effect from and after its passage and approval in the manner provided by law and shall be published in pamphlet form within 10 days after its passage and approval.

PASSED this \_\_\_\_\_ day of \_\_\_\_\_, 2017

AYES:

NAYS:

APPROVED this \_\_\_\_\_ day of \_\_\_\_\_, 2017

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

ATTEST:

\_\_\_\_\_  
Julie Gragnani, Secretary  
Lake County Forest Preserve District

Exhibit No. \_\_\_\_\_

## CERTIFICATION

### ORDINANCE AMENDING APPROPRIATIONS ORDINANCE

I, **S. Michael Rummel**, do hereby certify that I am the duly qualified and appointed Treasurer and Chief Fiscal Officer of the **Lake County Forest Preserve District**, and as such official I do further certify that the estimated revenues, by source anticipated to be received by the **Lake County Forest Preserve District**, Lake County, Illinois, in the Fiscal Year 2017/2018 are those estimated revenues as set forth in the attached Annual Appropriations Ordinance of the **Lake County Forest Preserve District**, Lake County, Illinois (as amended in Section 2 of the attached ORDINANCE AMENDING THE FISCAL YEAR 2017/2018 APPROPRIATIONS ORDINANCE, FISCAL YEAR 2017/18 BUDGET AND TEN-YEAR CAPITAL IMPROVEMENT PLAN TO APPROVE MOVE FORWARD REALLOCATE FUNDING FOR THE ETHEL'S WOODS-NORTH MILL CREEK PROJECT) for the fiscal year beginning July 1, 2017, and ending June 30, 2018 as adopted by the President and Board of Commissioners at its properly convened meeting held on the 9th day of May, 2017 (and as amended by the President and Board of Commissioners at its properly convened meeting held on the 12<sup>th</sup> day of September, 2017), all as appears from the official records of said **Lake County Forest Preserve District**.

IN WITNESS WHEREOF, I have hereunto affixed my official signature and the corporate seal of said **Lake County Forest Preserve District**, at Libertyville, Illinois on this \_\_\_\_ day of \_\_\_\_\_, 2017.

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S. Michael Rummel  
Treasurer and Chief Fiscal Officer

**LAKE COUNTY FOREST PRESERVE DISTRICT**



[illegible]

**I, Julie Gragnani**, Secretary for the Lake County Forest Preserve District, Lake County, Illinois, do hereby certify the attached to be a true, perfect and complete copy of the following document:

**AN ORDINANCE AMENDING THE FISCAL YEAR 2017/2018 APPROPRIATIONS  
ORDINANCE, FISCAL YEAR 2017/18 BUDGET AND  
TEN-YEAR CAPITAL IMPROVEMENT PLAN TO APPROVE FUNDING FOR THE  
ETHEL'S WOODS-NORTH MILL CREEK PROJECT**

Which ordinance was passed and approved at the regular meeting of the Lake county Forest Preserve District Board of commissioners held on September 12, 2017.

**IN WITNESS WHEREOF**, I hereunto set my hand and affix the seal of said Lake County Forest Preserve District, at my office in Libertyville, Lake County, Illinois, this \_\_\_\_\_ day of \_\_\_\_\_, 2017.

Julie Gragnani, Secretary  
Lake County Forest Preserve District

SEAL