



SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
BOARD OF DIRECTORS MEETING
January 16, 2019 7:30 am

Metro-East Park and Recreation District Office
104 United Drive, Collinsville, Illinois 62234

1. Call to Order
Ron Motil, President
2. Approval of Minutes of November 21, 2018
3. Public Comment on Pending Agenda Items
4. Program Status Report
Chuck Etwert, Chief Supervisor
5. Budget Update and Approval of Disbursements
Chuck Etwert, Chief Supervisor
6. Design and Construction Update
Wood Environment & Infrastructure Solutions, Inc.
7. Authorization to Execute Contract with Eberhardt Wetlands Bank, LLC for Wetland Mitigation Services
Wood Environment & Infrastructure Solutions, Inc.
Chuck Etwert, Chief Supervisor
8. Financial Update
Jeff White/Khalen Dwyer, Columbia Capital Management
9. Update from Corps of Engineers
Tracey Kelsey, U.S. Army Corps of Engineers

AGENDA

10. Public Comment

Executive Session – Personnel

11. Extension of Chief Supervisor of Construction and the Works Employment Agreement

Ron Motil, President

12. Other Business

13. Adjournment

Next Meeting: March 20, 2019

MINUTES

SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL BOARD OF DIRECTORS MEETING November 21, 2018

The regular meeting of the Board of Directors was held at the Metro-East Park and Recreation District Office, 104 United Drive, Collinsville, Illinois at 7:30 a.m. on Wednesday November 21, 2018.

Members in Attendance

Ron Motil, President (Chair, Madison County Flood Prevention District)
Debra Moore, Vice President (Chair, St. Clair County Flood Prevention District)
John Conrad, Secretary/Treasurer (Chair, Monroe County Flood Prevention District)
Bruce Brinkman, Monroe County Flood Prevention District
Isabelle Crockett, St. Clair County Flood Prevention District
Aaron Metzger, Monroe County Flood Prevention District
Alvin Parks, Jr., St. Clair County Flood Prevention District
Jeremy Plank, Madison County Flood Prevention District
David Schwind, Madison County Flood Prevention District

Members Absent

None

Others in Attendance

Robert Elmore, Monroe County Board Chair
Mark Kern, St. Clair County Board Chair
Kurt Prenzler, Madison County Board Chair
Chuck Etwert, SW Illinois FPD Council
Steve Adler, Metro-East Sanitary District
Ron Carnell, Wood River Drainage & Levee District
Jeremy Dressel, Juneau Associates Inc.
Tim Eagleton, FM Global
Hal Graef, U.S. Army Corps of Engineers
Gary Hoelscher, Millennia Professional Services
Larry Hofstetter, Prairie Du Pont Levee
David Human, Husch Blackwell LLP
David Human Jr., Husch Blackwell LLP
Ronald S. Kaempfe, IUOE Local 520
Tracey Kelsey, U.S. Army Corps of Engineers
Rachel Lopez, U.S. Army Corps of Engineers
Lance Lunte, Lochmueller Group

Jay Martin, Wood Environment & Infrastructure Solutions, Inc.
Jon Omvig, Wood Environment & Infrastructure Solutions, Inc.
Don Sawicki, Metro-East Sanitary District
Mike Sullivan, Prairie Du Pont Levee
Kevin Williams, Wood Environment & Infrastructure Solutions, Inc.

Call to order

President Ron Motil noted the presence of a quorum and called the meeting to order at 7:30 am.

He welcomed Ms. Isabelle Crockett, representing St. Clair County to the Council, and noted David Schwind, representing Madison County, was also expected to be in attendance at the meeting today.

Mr. Motil asked for a roll call to confirm that a quorum was present and the following indicated their attendance.

Mr. Brinkman – Present
Mr. Conrad – Present
Ms. Crockett - Present
Mr. Metzger - Present
Dr. Moore – Present
Mr. Motil – Present
Mr. Plank - Present

A quorum was present.

Approval of Minutes of September 19, 2018

Mr. Motil asked for a motion to approve the minutes of the Board meeting held on September 19, 2018. A motion was made by Ms. Crockett, seconded by Mr. Brinkman, to approve the minutes of the Board meeting held on September 19, 2018. Mr. Conrad called the roll and the following votes were made on the motion:

Mr. Brinkman – Aye
Mr. Conrad – Aye
Ms. Crockett - Aye
Mr. Metzger - Aye
Dr. Moore – Aye
Mr. Motil – Aye
Mr. Parks – absent
Mr. Plank – Aye
Mr. Schwind - absent

The meeting minutes were approved.

Public Comment on Pending Agenda Items

Mr. Motil asked if there were any comments from the public on any agenda item on today's agenda. There were none.

Program Status Report

Mr. Motil asked Mr. Etwert to provide a status report for the project.

Mr. Etwert discussed the 100-Year Certification packages first.

100-Year Certification Packages Status

He indicated, as requested by FEMA, Wood has submitted the hydrologic and hydraulic (H&H) analyses to the Illinois State Water Survey (ISWS), which reviews the H&H on behalf of the FEMA. The ISWS has responded that they will do their best to respond in a timely manner. If additional information is not required, a final letter of determination will be issued within ninety days.

With the addition of the ISWS review and approval, FEMA's issuance of continued accreditation letters for the Wood River East & West Forks, Lower Wood River, and Prairie Du Pont/Fish Lake Levee Systems isn't anticipated until spring of next year.

The Corps of Engineers, per FEMA's request has also submitted additional information to FEMA for Upper Wood River. FEMA approval of Upper Wood River is also anticipated to be spring of next year.

Wood has provided the Corps the additional information requested, and the Corps should be submitting the East St. Louis (MESD) package to FEMA by the end of this month. Approval of the East St. Louis (MESD) package isn't expected until late 2019 or early 2020.

Next he discussed the 500-Year Authorized Level Status.

500-Year Authorized Level Status

Wood River Levee System

Wood continues to design Bid Package #8, which will be constructed by the Corps of Engineers. Design is to be completed by April 2019.

The Corps issued their certified cost estimate for the Wood River Authorized Level Improvements on November 5th. The estimated cost went down slightly from \$86,000,000 to \$85,290,000.

The Council continues to wait for a response from the Corps regarding the preliminary approval of \$16,041,496 of Work In-Kind credit for the Wood River Levee System.

Approval of the new Project Partnership Agreement for Wood River, which will allow for the utilization of Work In-Kind credit, is expected in July 2019.

MESD Levee System

The Corps of Engineers continues to complete the design of the East St. Louis Deep Cutoff Wall Project, to be ready to go, if FY 2019 Work Plan Funds are received. Release of FY 2019 Work Plan Funds is currently scheduled for this December.

Wood continues to take the Corps' design of the Cahokia Relief Well Project, estimated cost \$10.6 million dollars, and develop the Council's Bid Package #18. Design is almost at the 95% review level and should be advertised for bid early next year.

Wood is also continuing the design of Bid Package #14, a shallow clay trench and filter blanket with an estimated construction cost of \$4.3 million dollars. The recent high river event has delayed some planned field work, delaying scheduled advertisement for bid until late spring.

The Corps has completed their Risk Informed Solution for Bid Package #11. Wood will start the design process. Based on current Corps estimates, Bid Package #11 should be the last MESD bid package that Wood will be designing, with the Council constructing approximately \$12,000,000 of the estimated \$14,000,000 project. Wood will still be designing Bid Packages #12 and #13, which will be built by the Corps of Engineers.

He indicated approval of the new Project Partnership Agreement for MESD, which will allow for the utilization of Work In-Kind credit, is expected in January 2019. Board authorization to execute the agreement is on today's agenda. The Council has submitted Work In-Kind requests totaling \$12,415,405.

Prairie Du Pont/Fish Lake Levee Systems

Wood is continuing the design of Bid Packages #15, #16, and #17. Discussions with the Corps of Engineers, about berm designs, are continuing, with emphasis on building to the Authorized Level of Protection. Once discussions are complete, a design, bid date schedule, and revised cost estimate will be developed.

The Corps held their kick off meeting for the Prairie Du Pont/ Fish Lake Systems risk assessment review for possible funding not based on a benefit/cost ratio. Anticipated review process phases include Project Management, Data Preparation with Review and Analysis, Risk Assessment, Draft Report, and Review & Approval. Hopefully, the process will generate possible federal funding. He indicated that Ms. Kelsey might be able to provide an estimated schedule later in the meeting.

Mr. Motil asked for a motion to accept the Program Status Report for December 2018. A motion was made by Mr. Brinkman to accept the Program Status Report for December 2018. Ms. Crockett seconded the motion. Mr. Conrad called the roll and the following votes were made on the motion:

Mr. Brinkman – Aye
Mr. Conrad – Aye
Ms. Crockett - Aye
Mr. Metzger - Aye
Dr. Moore – Aye
Mr. Motil – Aye
Mr. Parks – absent
Mr. Plank – Aye
Mr. Schwind - Aye

The motion was approved unanimously.

Mr. Motil welcomed David Schwind, representing Madison County, who arrived during the Program Status Report.

Budget Update and Approval of Disbursements

Mr. Motil asked Mr. Etwert to provide a report.

Mr. Etwert noted that the financial statements for September and October 2018 prepared by our fiscal agent, CliftonLarsonAllen were included in the materials sent for the meeting. The reports include an accounting of revenues and expenditures for the months ending September 30, 2018 and October 31, 2018, as compared to our fiscal year budget.

Accrued expenditures for the 2018 fiscal year were \$17,596,700, while revenues amounted to \$12,893,429, resulting in a deficit of \$4,703,271. Accrued expenditures for the current fiscal year beginning on October 1, 2018 thru October 31, 2018 are \$5,324,600 while revenues amounted to \$1,286,230 resulting in a deficit of \$4,038,370. A total of \$31,565,463 is held by the counties in their respective FPD sales tax funds and is available for the Council's use on the project.

Monthly sales tax receipts of \$1,010,353 for July 2018 were up 3.81% from last year and monthly sales tax receipts of \$1,036,244 for August 2018 were up 3.20% from last year. Both

amounts were the highest amounts ever collected in July and August and are the twenty first and twenty second months in a row with the highest receipts collected for those particular months. Receipts are up 3.64% from last year, which was our highest year.

He also provided for the Board's review and anyone else who was interested, the bank transactions for September and October 2018. Total disbursements for September were \$616,652.41 and for October were \$665,772.26. The largest payments were to Corps of Engineers and Wood.

Mr. Etwert recommended that the Board accept the budget report and disbursements for September and October 2018.

Mr. Parks arrived during the presentation.

Mr. Motil asked for a motion to accept Mr. Etwert's budget report and disbursements for September and October 2018. A motion was made by Mr. Plank, seconded by Mr. Parks, to accept the budget report and approve the disbursements for September and October 2018. Mr. Conrad called the roll and the following votes were made on the motion:

Mr. Brinkman – Aye
Mr. Conrad – Aye
Ms. Crockett - Aye
Mr. Metzger - Aye
Dr. Moore – Aye
Mr. Motil – Aye
Mr. Parks – Aye
Mr. Plank – Aye
Mr. Schwind – Aye

The motion was approved unanimously.

Design and Construction Update

Mr. Motil called on Jay Martin, Wood Environment & Infrastructure Solutions, Inc., to provide an update report. Mr. Martin indicated his report would be more on design updates than construction updates.

He summarized the progress being made with the FEMA Completeness Review, the continued effort to provide the Corps everything needed for the Corps' MESD submittal, and the determination of the design packages.

He used a PowerPoint® presentation to illustrate his remarks. His presentation focused on FEMA Certification Update, and the Authorized Level (500-Year) Design as follows:

FEMA Certification Update

A summary of the FEMA Certification by Levee/County was presented.

Levee System	County Flood Maps	Submitted to FEMA	Comments from FEMA	Resubmitted to FEMA
Upper Wood River	Madison	March 10, 2017 <i>(USACE)</i>	September 5, 2017	June 18, 2018
East/West Forks	Madison	December 5, 2016	January 26, 2018	June 29, 2018
Lower Wood River	Madison	October 17, 2017	April 20, 2018	July 13, 2018
Metro East Sanitary District (MESD)	Madison/ St. Clair	October 3, 2018 (Preliminary) <i>(Expected, USACE)</i>		November <i>(Final)</i>
Prairie Du Pont/Fish Lake (PDP/FL)	St. Clair/ Monroe	July 6, 2017	January 26, 2018	June 29, 2018

He indicated he expects certification approval in 2019 on the four packages that have been resubmitted to FEMA, with the East/West Forks being the first.

Next, Mr. Martin discussed the status of the Authorized Level (500-Year) Design.

Authorized Level (500-Year) Design

Wood River (Bid Packages 8, 9, and 10)

- Bid Package 8

Design is ongoing

23 relief wells and 1 pump station

USACE plans to bid this project in summer 2019

- Bid Packages 9 & 10

On hold pending completion of USACE Risk Assessment & Supplemental Report (< 1 year remaining)

MESD (Bid Packages 11, 12, 13, 14 & 18)

- Bid Packages 11, 12 & 13

USACE to have Bid Pkg 11 ready for design January 2019

Bid Package 12 is on hold, pending USACE risk informed solutions (summer 2019)

- Bid Package 14

Borings to be completed along shallow clay trench alignment in late 2018

Advertise for bid spring 2019

- Bid Package 18 (Cahokia Relief Well Project from USACE)

51 relief wells

Design & coordination with USACE is still ongoing

Advertise for bid early 2019

Prairie Du Pont & Fish Lake (Bid Packages 15, 16, 17)

- Still working with USACE to validate solutions
- Will start obtaining land access agreements for drilling in early 2019
- 100% FPD Council funded design and construction (No Federal match)

He thanked the Board for their continued support and indicated 2019 will be a good year, further advancing the project as designs are completed and construction starts up again.

Mr. Motil asked for a motion to accept Mr. Martin's Design and Construction Update report. A motion was made by Mr. Brinkman, with a second by Mr. Parks, to accept the Wood Environment & Infrastructure Solutions, Inc. Design and Construction Update report. Mr. Conrad called the roll and the following votes were made on the motion:

Mr. Brinkman – Aye
Mr. Conrad – Aye
Ms. Crockett - Aye
Mr. Metzger - Aye
Dr. Moore – Aye
Mr. Motil – Aye
Mr. Parks – Aye
Mr. Plank – Aye
Mr. Schwind - Aye

The motion was approved unanimously.

Amendments to Wood Work Orders # 3 & # 17

Mr. Motil asked Mr. Etwert to explain this item.

Mr. Etwert explained there are two Work Orders with Wood that needed to be amended for Period of Performance. There was no change in cost for either of these Work Orders.

The services provided under these two work orders are still needed and funds are available.

Work Order #3 – Subsurface Investigation/Relief Well Testing Construction Services -
Amendment 6

Extending Period of Performance from December 31, 2017 to December
31, 2019
No change in funding

Work Order #17 – Life –Cycle Cost Analyses for FEMA Improvements - Amendment 2

Extending Period of Performance from August 31, 2018 to August 31, 2019
No change in funding.

Copies of the Work Order Amendments were provided in the agenda package.

Mr. Motil asked for a motion to authorize the Chief Supervisor to execute Wood Work Order #3 – Subsurface Investigation/Relief Well Testing Construction Services - Amendment 6, extending the Period of Performance from December 31, 2017 to December 31, 2019, with no change in funding and Work Order #17 – Life –Cycle Cost Analyses for FEMA Improvements - Amendment 2, extending the Period of Performance from December 31, 2017 to December 31, 2019, with no change in funding.

A motion was made by Ms. Crockett, with a second by Mr. Parks to authorize the Chief Supervisor to execute Wood Work Order #3 – Subsurface Investigation/Relief Well Testing Construction Services - Amendment 6, extending the Period of Performance from December 31, 2017 to December 31, 2019, with no change in funding and Work Order #17 – Life –Cycle Cost Analyses for FEMA Improvements - Amendment 2, extending the Period of Performance from August 31, 2018 to August 31, 2019, with no change in funding.

Mr. Conrad called the roll and the following votes were made on the motion:

Mr. Brinkman – Aye
Mr. Conrad – Aye
Ms. Crockett - Aye
Mr. Metzger - Aye
Dr. Moore – Aye
Mr. Motil – Aye
Mr. Parks – Aye
Mr. Plank – Aye
Mr. Schwind – Aye

The motion was approved unanimously.

Approval of Project Partnership Agreement Work In-Kind Amendment with the U.S. Army Corps of Engineers for the Design Deficiency Corrections for East St. Luis, Illinois Flood Protection Project

Mr. Motil asked Mr. Etwert to explain this item.

Mr. Etwert explained in December 2013, the Board authorized the execution of the Project Partnership Agreement (PPA) with the U.S. Army Corps of Engineers for the East St. Louis Design Deficiency Correction Project.

Unfortunately, the PPA did not contain a provision for Work In-Kind Credit. The PPA is now being amended to allow the Council to receive Work In-Kind Credit for the work the Council is completing on the East St. Louis Design Deficiency Corrections Project.

Work In-Kind Credit will count towards the non-federal thirty-five percent share of project costs.

To date, the Corps has given preliminary approval to an initial request for Work In-Kind Credit of \$9,131,565 and is reviewing a second request of \$3,283,840.

Work In-Kind Credits can only be accumulated and not be utilized until the Project Partnership Agreement is amended.

It is the Corps' intent to utilize Work In-Kind Credits on their MESD Deep Cutoff Wall Project, if they receive FY2019 Work Plan funds, hopefully, before the end of the year.

A copy of the Corps' letter, requesting execution of the agreement was included with the agenda package.

Mr. Motil asked for a motion to authorize the Chief Supervisor to execute the Project Partnership Agreement Work In-Kind Amendment with the Corps of Engineers for the Design Deficiency Corrections for East St. Louis, Illinois Flood Protection Project.

A motion was made by Mr. Parks, with a second by Ms. Crockett to authorize the Chief Supervisor to execute the Project Partnership Agreement Work In-Kind Amendment with the Corps of Engineers for the Design Deficiency Corrections for East St. Louis, Illinois Flood Protection Project. Mr. Conrad called the roll and the following votes were made on the motion:

Mr. Brinkman – Aye
Mr. Conrad – Aye
Ms. Crockett - Aye
Mr. Metzger - Aye
Dr. Moore – Aye
Mr. Motil – Aye
Mr. Parks – Aye
Mr. Plank – Aye
Mr. Schwind - Aye

The motion was approved unanimously.

Corps of Engineers Update

Mr. Motil asked Ms. Kelsey and Ms. Lopez to provide reports from the Corps.

Ms. Kelsey provided an update of the current activities of the Corps using a PowerPoint® presentation to illustrate his remarks. Her presentation focused on the status of the Metro East Projects as follows:

USACE UPDATE

Project Status

- Wood River Cutoff Wall
- Wood River Risk Assessment/Supplemental Report Status
- East St. Louis Cutoff Wall Status
- East St. Louis WIK Credit Status
- East St. Louis BP 14 and BP 18
- PDP/FL
- FEMA Submittals
 - East St. Louis (MESD)/COR BCRA
 - Upper Wood River LSER

She also provided photos of the Corps' Wood River Deep Cutoff Wall Construction.

There was a brief discussion explaining deep cutoff wall construction, the improvements built in the Wood River area, the remaining work needed to be done in the Wood River area, and the funding and status of MESD system.

She indicated FY 2019 Work Plan Funds were expected to be announced very shortly.

For the new Board members, Mr. Etwert explained the Council was stabilizing the Metro East Levees and not increasing the height of any levee. Stabilization includes shallow and deep cutoff walls, seepage berms, clay caps, and relief wells to control the seepage under the levee to prevent sand boils.

He indicated in the Wood River and MESD areas the Corps was providing sixty-five percent funding and in the Wood River area the Council had almost completed its thirty-five share.

Ms. Kelsey indicated the Corps had about nineteen million dollars available to spend in the Wood River area, but would need additional funds to complete the overall project. Once the Supplemental Report was approved and the Project Partnership Agreement amended for Work In-Kind Credit, additional construction could move forward.

Again she indicated FY 2019 Work Plan Funds for MESD should be known before the end of the year, if not sooner.

Next, she introduced Rachel Lopez, Levee Safety Program Manager, who discussed the Metro East Levee Systems Risk Characterizations and Risk Communication.

She discussed the following:

Risk Assessment Overview and Process

- Levee Safety Risk Framework
- Why Assess Risk
- Types of Risk Assessments
- How USACE Defines Levee Risk
- USACE Risk Equation
- Uncertainty in Risk Assessment
- Risk Assessment Results
- What is Driving Risk
- A Tale of Two Levees

What is an LSAC (Levee Safety Action Classification)?

- What Is It?
- Why Use It?
- What Is It Not?

Risk Characterizations for Metro East Levee Systems

- Risk Estimate Relative to USACE Portfolio

- Recommendations
- Metro East Levees Risk Assessments
- Risk Assessment Results
- Understanding and Reducing Risk

Risk Communication

- Value of Risk Dialogue
- Flood Risk Management
- Risk Communication
- Risk Communication/ Metro East Communities

There was a general discussion regarding the importance of what is being protected by a levee and how it affects the LSAC rating. The Corps is trying to make people aware of the risk of living and working behind a levee. The LSAC rating has nothing to do with FEMA's insurance program. Concern was expressed that this was the first time the Corps had brought the rating system before the Council, indicating the risk and consideration of insurance protection, which is the opposite of everything that has been done to date, to stabilize the levees to avoid FEMA insurance. It was expressed that the LSAC rating discussion should have been in conjunction with the levee stabilization discussion.

There was a brief discussion regarding the Corps working with levee districts on a public relations effort to inform the public about the risks of living in a levee protected area.

Mr. Motil thanked Ms. Lopez and asked for a motion to accept the Corps of Engineers Update Report and Risk Characterizations & Risk Communication Presentation. A motion was made by Mr. Brinkman, with a second by Mr. Parks to receive the Corps of Engineers Update Report and Risk Characterizations & Risk Communication Presentation. Mr. Conrad called the roll and the following votes were made on the motion:

Mr. Brinkman – Aye
 Mr. Conrad – Aye
 Ms. Crockett - Aye
 Mr. Metzger - Aye
 Dr. Moore – Aye
 Mr. Motil – Aye
 Mr. Parks – Aye
 Mr. Plank – Aye
 Mr. Schwind - Aye

The motion was approved unanimously.

Public Comment

Mr. Motil asked if there was any public comment.

Mr. Ron Kaempfe, IUOE Local 520, expressed his sincere thanks for all the work the Council and the Corps of Engineers has provided to Local 520. The project has been very successful, with no labor trouble. He indicated that he has been with the project from the beginning and he would be retiring the next week. He praised the three Counties coming together and utilizing available talent and completing the project.

The Council congratulated him on his forth coming retirement.

There were no other comments.

Mr. Motil asked to adjourn the public session and convene an executive session regarding the review of executive minutes, which is done semi-annually, to determine which if any can be released to the public. He indicated that no action, other than the release of executive session minutes no longer requiring confidential treatment, would be taken upon reconvening the public session, and the public was welcomed to stay for when the public session was reconvened.

Mr. Motil indicated that the next Council meeting would be January 16, 2019.

Mr. Parks made a motion at 8:47 a.m. to convene a closed session under Open Meetings Act 5 ILCS 120/2 (c) (21) for the purpose of performing the semi-annual review of executive session minutes for confidentiality as required by 5 ILCS 120/2.06(d). The motion was seconded by Mr. Brinkman. It was indicated that all Board members and County Board Chairs should be present, along with Husch Blackwell and Chuck Ewert. Mr. Conrad called the roll and the following votes were made on the motion:

Mr. Brinkman – Aye
Mr. Conrad – Aye
Ms. Crockett - Aye
Mr. Metzger - Aye
Dr. Moore – Aye
Mr. Motil – Aye
Mr. Parks – Aye
Mr. Plank – Aye
Mr. Schwind - Aye

The motion was approved unanimously and the Board went into executive session.

Mr. Motil asked for a motion to adjourn the executive session and reconvene the public session.

Ms. Crockett made a motion to adjourn the executive session and reconvene the public session at 8:50 a.m. Mr. Schwind seconded the motion. Mr. Conrad called the roll and the following votes were made on the motion:

Mr. Brinkman – Aye
Mr. Conrad – Aye
Ms. Crockett - Aye
Mr. Metzger - Aye
Dr. Moore – Aye
Mr. Motil – Aye
Mr. Parks – Aye
Mr. Plank – Aye
Mr. Schwind - Aye

The motion was approved unanimously.

Mr. Motil called the meeting to order.

Release of Executive Session Minutes

Mr. Motil asked Mr. Etwert to explain this item.

Mr. Etwert explained pursuant to the Open Meeting Act section 5ILCS 120/2.06(d), it is the policy of the Board of Directors of the Southwestern Illinois Flood Prevention District Council to semi-annually review the minutes of all closed meeting and acknowledge (1) if the need for confidentiality still exists as to all or part of the minutes or (2) that the minutes or portions thereof no longer require confidential treatment and are available for public inspection.

Currently, the Board releases minutes in May and November.

He provided the following Public Statement identifying minutes that could be released and those that must remain confidential, as identified in the closed session.

Pursuant to 5ILCS 120/2.06(d), the Board of Directors of the Southwestern Illinois Flood Prevention District Council reviewed the subject matter and discussion of the following meetings and now report in open session that the minutes of the following meetings no longer require confidential treatment and are available for public inspection at the Council's office:

May 16, 2018

Furthermore, the need for confidentiality still exists as to all or part of the following meeting minutes:

February 18, 2015*

February 17, 2016*

November 16, 2016*

March 18, 2015*
April 15, 2015*
May 20, 2015*
June 17, 2015*
November 18, 2015*

June 15, 2016*
July 20, 2016*
August 17, 2016*
September 21, 2016*
October 14, 2016*

December 21, 2016*
March 15, 2017
May 17, 2017
December 20, 2017

* The necessity of keeping some information closed still exists, meeting minutes with redactions were released June 21, 2017

All executive session minutes released, will be available in the Council's office.

Mr. Motil asked for a motion to accept the public statement which identifies the minutes of the meetings which no longer require confidential treatment and can be released, and the meeting minutes where the need for confidentiality still exists as to all or part of the meeting minutes.

A motion was made by Mr. Parks, with a second by Ms. Crockett to accept the public statement which identifies the minutes of the meetings which no longer require confidential treatment and can be released, and the meeting minutes where the need for confidentiality still exists as to all or part of the meeting minutes. Mr. Conrad called the roll and the following votes were made on the motion:

Mr. Brinkman – Aye
Mr. Conrad – Aye
Ms. Crockett - Aye
Mr. Metzger - Aye
Dr. Moore – Aye
Mr. Motil – Aye
Mr. Parks – Aye
Mr. Plank – Aye
Mr. Schwind - Aye

The motion was approved unanimously.

Other Business

Mr. Motil asked if there was any other business. There was none.

Adjournment

Mr. Motil asked for a motion to adjourn the meeting. A motion was made by Mr. Plank, seconded by Mr. Schwind to adjourn the meeting. The motion was approved unanimously by voice vote, all voting aye.

Respectfully submitted,

John Conrad,
Secretary/Treasurer, Board of Directors



Progress Report November 21, 2018

Southwestern Illinois Levee Systems

By Jay Martin

woodplc.com



FEMA Submittal Summary

Levee System	County (Flood Map)	Submitted to FEMA	Comments Received from FEMA	Resubmitted to FEMA
Upper Wood River	Madison	March 10, 2017 (USACE)	September 5, 2017	June 18, 2018 (USACE)
East/West Forks	Madison	December 5, 2016	January 26, 2018	June 29, 2018
Lower Wood River	Madison	October 17, 2018	April 20, 2018	July 13, 2018
Metro East Sanitary District (MESD)	Madison/St Clair	October 3, 2018		(Final-November)
Prairie du Pont & Fish Lake (PDP/FL)	St Clair/Monroe	July 6, 2017	January 26, 2018	June 29, 2018



Authorized Level (500-Year) Design

Wood River (Bid Packages 8, 9, & 10)

- Bid Package 8
 - Design is ongoing
 - 23 relief wells and 1 pump station
 - USACE plans to bid this project in summer 2019
- Bid Packages 9 & 10
 - On hold pending completion of USACE Risk Assessment and Supplemental Report (<1 year remaining)



Authorized Level (500-Year) Design

MESD (Bid Packages 11, 12, 13, 14 & 18)

- Bid Packages 11, 12, & 13
 - USACE to have Bid Pkg 11 ready for design January 2019
 - Bid Package 12 is on hold, pending USACE risk informed solutions (summer 2019)
- Bid Package 14
 - Borings to be completed along shallow clay trench alignment in late 2018
 - Advertise for bid spring 2019
- Bid Package 18 (Cahokia Relief Well Project from USACE)
 - 51 relief wells
 - Design & coordination with USACE is still ongoing
 - Advertise for bid early 2019.



Authorized Level (500-Year) Design

Prairie du Pont & Fish Lake (Bid Packages 15, 16, & 17)

- Still working with USACE to validate solutions.
- Will start obtaining land access agreements for drilling in early 2019
- 100% FPD Council funded design and construction (No Federal match)



wood.

Metro East Projects, IL

Project Status

- Wood River Cutoff Wall
- Wood River Risk Assessment/Supplemental Report Status
- East St Louis Cutoff Wall Status
- East St Louis WIK Credit Status
- East St Louis BP 14 and BP 11
- PdP/FL
- FEMA Submittals
 - East St. Louis (MESD)/COR BCRA
 - Upper Wood River LSER



Wood River Deep Cutoff Wall Construction





File Name

Cement-Bentonite
mixing plant



US Army Corps
of Engineers *



File Name



Drilling Cement-Bentonite
Columns



US Army Corps
of Engineers *





Guide wall installation



Clamshell Excavation





Hydromill
Excavation



File Name



Quality Control



METRO EAST LEVEE SYSTEMS RISK CHARACTERIZATIONS AND RISK COMMUNICATION

Rachel Lopez, PE
Levee Safety Program Manager
21 November 2018



Levee Safety Program Mission :
Ensure levee systems provide benefits to the nation by working with sponsors and stakeholders to assess, communicate, and manage flood risks to people, property, and the environment



TOPICS

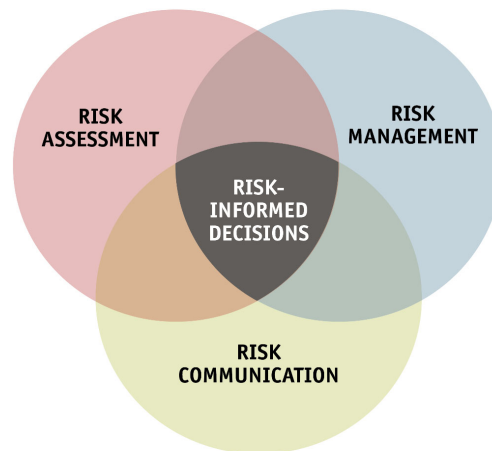
- Risk assessment overview and process
- What is an LSAC?
- Risk Characterizations for Metro East levee systems
- Risk Communication



LEVEE SAFETY RISK FRAMEWORK

3

- ❑ National Levee Safety Act of 2007 required:
 - Inventory of the Nation's levees
 - Inspect and assess levees within USACE's authorities



WHY ASSESS RISK?

- Looks beyond levee performance
- Uses a **systematic** process that can be repeated in the future for comparison to evaluate a levee's **relative risk**
- Integrate the analytical methods of traditional engineering and risk-based analysis along with professional judgment
- **Educates** and **empowers** risk-informed decision making
 - Elected officials and other risk managers regarding the priority of investments and solutions
 - Individuals living and working regarding personal risk management activities such as flood insurance, evacuation measures, flood proofing, etc.

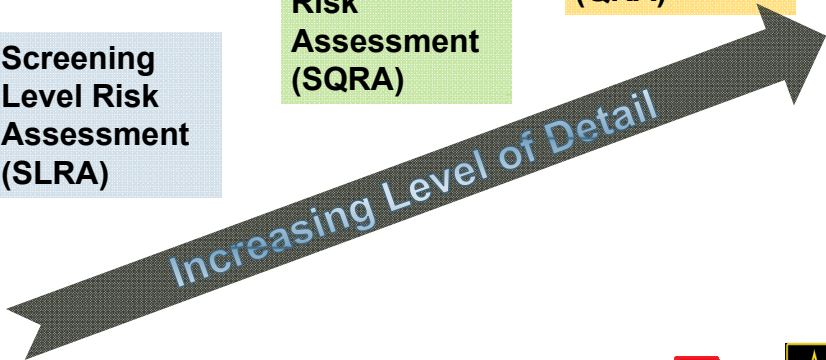


TYPES OF RISK ASSESSMENTS

Screening Level Risk Assessment (SLRA)

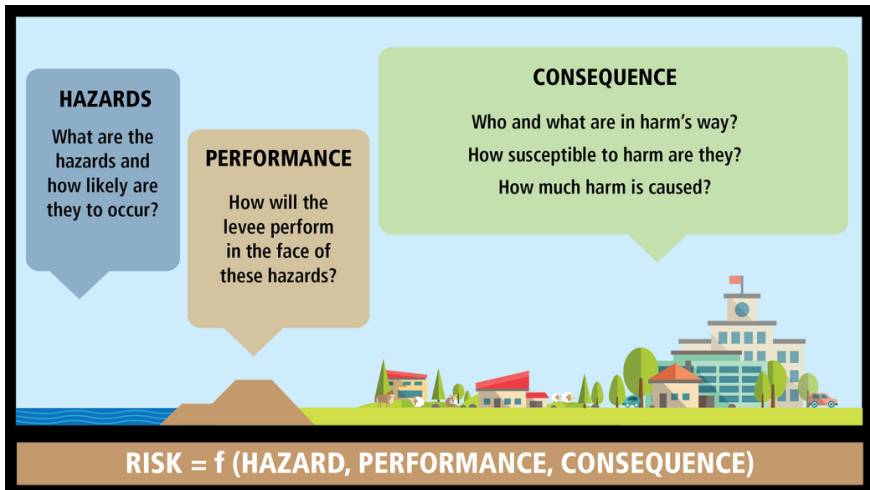
Semi-Quantitative Risk Assessment (SQRA)

Quantitative Risk Assessment (QRA)



HOW USACE DEFINES LEVEE RISK

6



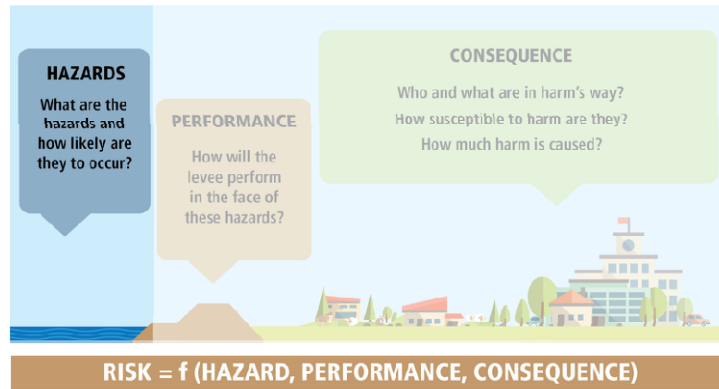
Simplified risk informed model:

Risk = Probability of Load x Probability of Failure x Consequences



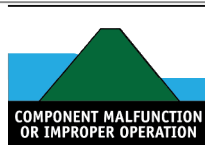
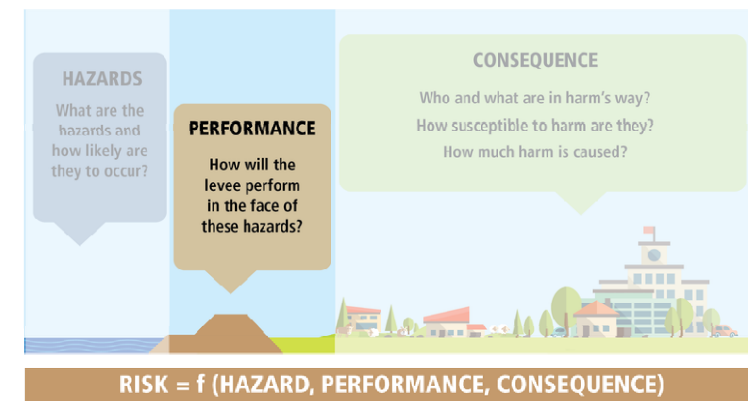
USACE RISK EQUATION

7

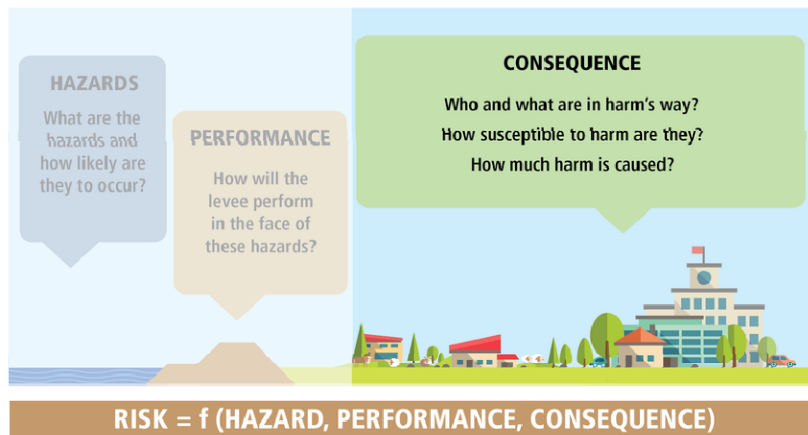


USACE RISK EQUATION

8

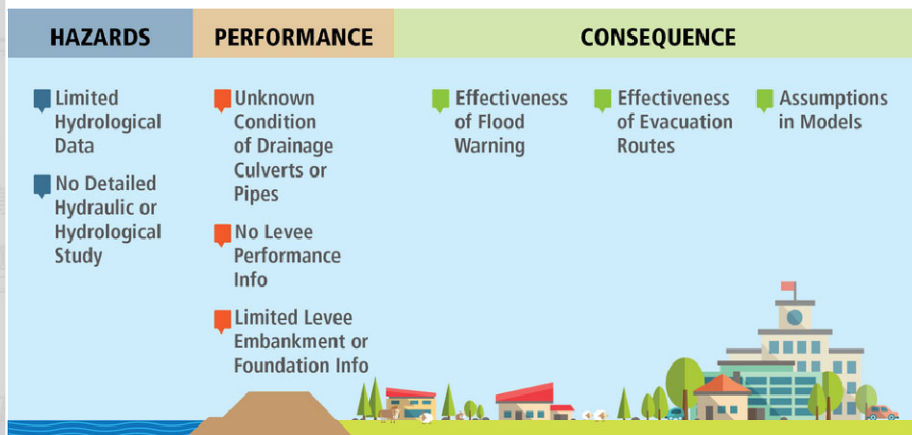


USACE RISK EQUATION



UNCERTAINTY IN RISK ASSESSMENT

10



RISK ASSESSMENT RESULTS

11

Risk Characterization

- What is driving the risk
- Where it falls in USACE portfolio (LSAC)

Recommended Actions to Manage Risk

- Based on risk drivers
- Based on urgency



WHAT IS DRIVING RISK?



INTERNAL
EROSION ALONG
OR INTO
CULVERTS



OVERTOPPING



SEEPAGE



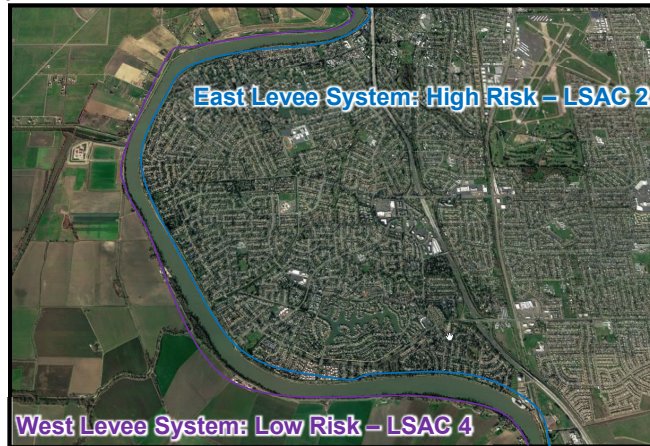
CONSEQUENCE
GROWTH



EXTERNAL
EROSION AND
STABILITY

A TALE OF TWO LEVEES

Consequences matter!



- ✓ Performance
- ✓ Probability of flood event
- ✗ Consequences



LEVEE SAFETY ACTION CLASSIFICATIONS

What is it?

- Number or verbal description of relative risk

Why use it?

- Provides a consistent and systematic approach to identifying the risk of levee failure
- Assists in decision making
 - Local community: communicate the relative risk for living behind a particular levee and provide an initial quantitative risk estimate to assist local, state, and federal stakeholders in identification and prioritization of funding needs for levees
 - Federal government: determine nationwide priorities for further action on levee systems. The LSAC is a consideration in determining the priority a particular levee has for available federal funding, and will also help identify whether Interim Risk Reduction Measures (IRRM) may be needed.

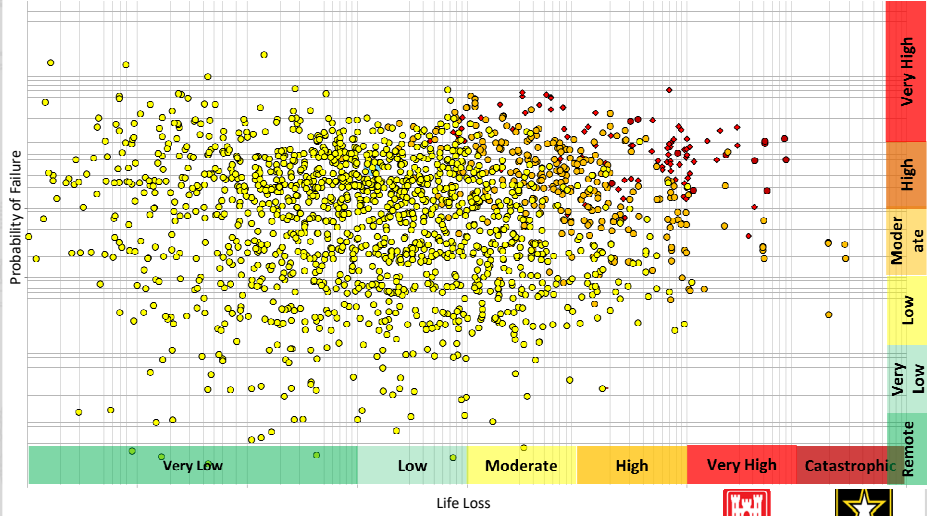
What is it *not*?

- The condition of a levee system
 - A robust levee system may be High Risk simply due to the Consequences
- An evaluation of levee Sponsor
 - Inspections evaluate levee conditions and sponsor's operations and maintenance practices. This is only one element of the risk characterization
- An indicator of NFIP status
 - Results of a risk assessment may inform FEMA's decisions
- "Good" or "Bad"
 - LSACs are not always the best means to communicate levee risk. The focus should be on reducing flood risk as much as possible, not on the LSAC. As flood risk decreases, risk characterizations will reflect that decreased risk. However, in some cases LSAC may not change significantly due to large population or significant development within the leveed area. In these instances LSAC communicates the need to stay diligent and continue to invest in flood risk management.



RISK ESTIMATE RELATIVE TO USACE PORTFOLIO

15



File Name



RECOMMENDATIONS

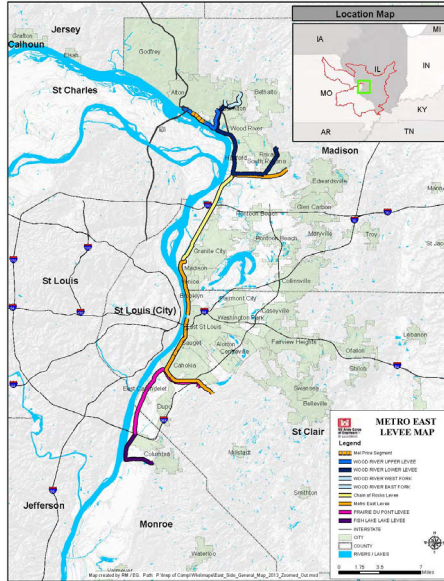
16



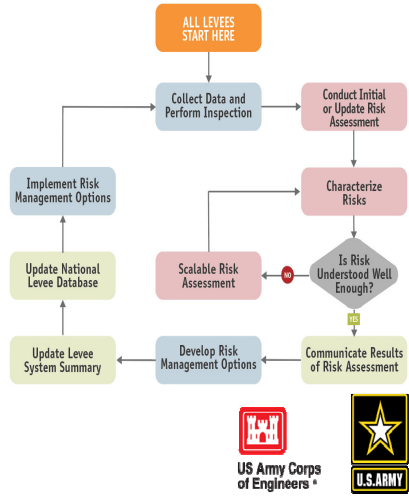
Risk Management Measures Are Driven by Type of Risk



METRO EAST LEVEES RISK ASSESSMENTS



Initial risk characterizations complete on all five systems.

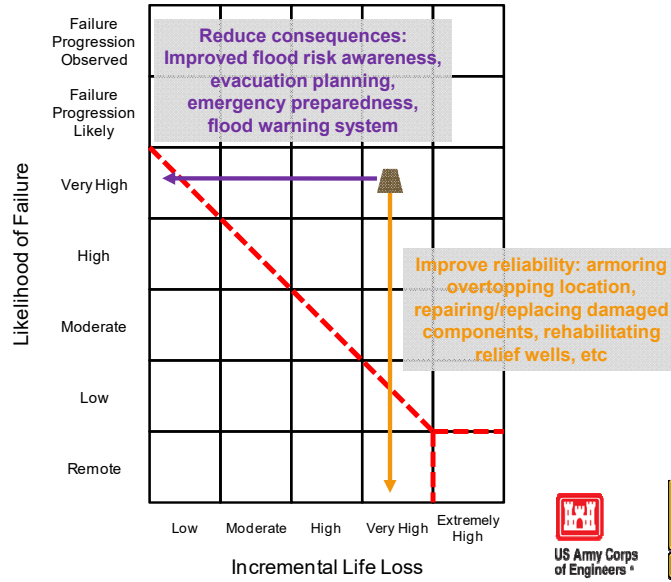


RISK ASSESSMENT RESULTS

		Upper Wood River	East and West Forks	Lower Wood River	MESD and Chain of Rocks	Prairie du Pont and Fish Lake
Risk Assessment	Date	2014	2014	2018	2018	2012
	Type	SQRA	Screening	QRA*	QRA	Screening**
Risk Characterization	Risk Drivers	-Backward erosion and piping (seepage) in the foundation of the levee -Overtopping with breach	-Minor seepage with unknown condition of sewer lines -Low population at risk and moderate property damages	-Backward erosion piping (seepage) in the foundation of the levee -Overtopping with breach -Over 3 billion in property and over 20,000 residents and employees	-Backward erosion and piping (seepage) in the foundation, into pipes, along pipes -Slope instability -Overtopping with breach -Over 9 billion in property value and approximately 250,000 residents and employees	-Underseepage, including aged and deteriorated relief wells -Closure structures
	LSAC	Moderate (3)	Low (4)	Moderate (3)	High (2)	High (2)
Recommendations		-Communicate levee risks to the community -Complete plans to address underseepage at Mel Price -Prepare and implement interim risk reductions measures at Mel Price -Verify emergency plans and community is aware of flood warning and evacuation procedures	-Communicate levee risks -Inspect two sewer lines through the levee -Continue video inspections of all gravity drains to monitor condition	-Communicate risk to the local community -Proceed with a formulation strategy to develop risk management measure to remediate the underseepage design deficiency and lower the risk due to the BEP failure mode -Continue monitoring and surveillance along the levee during high water events -Update Operations & Maintenance documents to align with the updated findings of the risk assessment by identifying areas of increased vulnerability that should be monitored during flood events	-Communicate risk to the local community -Develop and implement IRRMs to reduce risk associated with BEP in the foundation, into and along pipes and conduits, slope instability and overtopping -Ensure EAP is current and work with counties to improve flood warning and message systems -Collect performance data during flood events -Develop program to inspect and evaluate pipe conditions	-Communicate risk to the local community -Repair or replace relief wells with reduced efficiency -Perform trial installations of all closures
		<p>*Risk assessment results pending approval by USACE HQ **Risk assessment to be updated with an SQRA in 2019</p>				

UNDERSTANDING AND REDUCING RISK

19



File Name

RISK COMMUNICATION

20



File Name

VALUE OF RISK DIALOGUE

- Understand how USACE views risk and uses risk to prioritize federal investment
 - Inspection Frequency
 - Planning Studies
 - Flood Damage Repairs
- Improve Understanding of the Benefits and Risks to All Stakeholders
- Help Sponsors develop most effective risk management actions (*engaging others as appropriate*)
 - Structural
 - Interim Repairs
 - Long-term Solutions
 - Non-structural
 - Emergency Preparedness Plans
 - Land Development
 - Building Codes



FLOOD RISK MANAGEMENT

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RISK COMMUNICATION

USACE

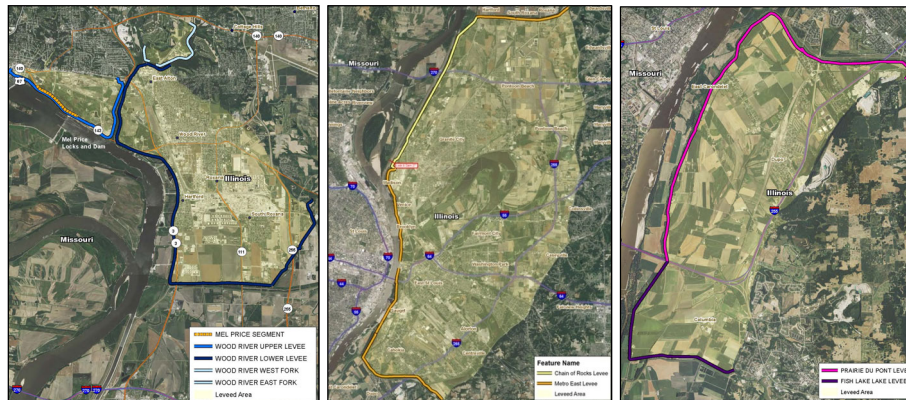
- Support sponsor in communicating risk assessment results to the public
- Monitor actions for addressing safety concerns
- Ensure ongoing communication regarding levee status

Sponsor

- Help identify outreach needs and best tools/techniques
- Lead public communication effort regarding risk assessment
- Implement efforts to address levee safety concerns



RISK COMM W/ METRO EAST COMMUNITIES



Sponsors' Initial Brainstorm

- Engage with County EMs, elected officials, public works directors
- Provide information through communities' websites and quarterly newsletters
- Develop public service announcements
- Encourage CODE RED subscription
- Disseminate evacuation plans
- Erect high water markers



QUESTIONS?

**US Army Corps of Engineers**

St. Louis District
1222 Spruce Street
St. Louis, MO 63103-2833

RACHEL LOPEZ, P.E.

Levee Safety Program Manager

Phone: (314) 331-8425
Fax: (314) 331-8531
E-mail: rachel.l.lopez@usace.army.mil



US Army Corps
of Engineers





Memo to: Board of Directors
From: Chuck Etwert
Subject: Program Status Report for January 2019
Date: January 14, 2019

100-Year Certification Packages Status

The hydrologic and hydraulic (H&H) analyses by the Illinois State Water Survey (ISWS) is ongoing. Additional requested information has been submitted and a final letter of determination is expected soon.

As previously indicated, with the addition of the ISWS review and approval, FEMA's issuance of continued accreditation letters for the Wood River East & West Forks, Lower Wood River, Upper Wood River, and Prairie Du Pont/Fish Lake Levee Systems isn't anticipated until this spring.

The Corps of Engineers has submitted all the supporting data for the East St. Louis (MESD) package to FEMA and has a status call scheduled with FEMA for February 9th. The Corps continues to wait for FEMA's desired submittal language to be provided to them.

Approval of the East St. Louis (MESD) package isn't expected until late 2019 or early 2020.

500-Year Authorized Level Status

Wood River Levee System

Wood continues to design Bid Package #8, which will be constructed by the Corps of Engineers. Design is to be completed by April 2019.

The Corps has given preliminary approval on the \$16,041,496 of Work In-Kind credit submitted for the Wood River Levee System. Based on the Corps recently issued certified cost estimate, an additional \$4.3 million dollars of Work In-Kind credit will be needed to satisfy the Corps' thirty-five non-federal participation requirement.

Approval of the new Project Partnership Agreement for Wood River, which will allow for the utilization of Work In-Kind credit, is expected in July 2019.

MESD Levee System

The Corps of Engineers received \$95.2 million dollars of FY 2019 Work Plan Funds for the East St. Louis. The East St. Louis Deep Cutoff Wall will be the first project to be built with these funds, with a contract award anticipated in September.

Wood continues to take the Corps' design of the Cahokia Relief Well Project, estimated cost \$10.6 million dollars, and develop the Council's Bid Package #18. Groundwater flow discussions between Wood and the Corps are ongoing with a spring bid date anticipated.

Wood is also continuing the design of Bid Package #14, a shallow clay trench and filter blanket with an estimated construction cost of \$4.3 million dollars. Tree removal and wetland mitigation has delayed some planned field work, delaying advertisement for bid until this summer.

With the Corps' Risk Informed Solution for Bid Package #11 completed, Wood is starting the design process. Once necessary borings are identified, a schedule will be developed. Based on current Corps estimates, Bid Package #11 should be the last MESD bid package that Wood will be designing. Preliminary estimated construction cost is \$14,000,000 dollars.

Approval of the new Project Partnership Agreement, which will allow for the utilization of Work In-Kind credit, is now anticipated in February or March due to Corps Headquarters requesting a reformatting of the agreement. There was no change in the contents. The Council has submitted Work In-Kind requests totaling \$11,887,414 for work performed thru fiscal year 2017.

Prairie Du Pont/Fish Lake Levee Systems

Wood is continuing the design of Bid Packages #15, #16, and #17. Discussions with the Corps of Engineers, about berm designs, are continuing, with emphasis on building to the Authorized Level of Protection. Once discussions are complete, a design, bid date schedule, and revised cost estimate will be developed.

The Corps' Prairie Du Pont/ Fish Lake Systems risk assessment review for possible funding not based on a benefit/cost ratio is underway with an tentative report completion date of October 2019.



Memo to: Board of Directors
From: Chuck Etwert
Subject: Budget and Disbursement Reports for November/December 2018
Date: January 14, 2019

Current Budget Highlights

Attached are the financial statements for November and December 2018 prepared by our fiscal agent, CliftonLarsonAllen. The reports include an accounting of revenues and expenditures for the months ending November 30, 2018 and December 31, 2018, as compared to our fiscal year budget.

Accrued expenditures for the current fiscal year beginning on October 1, 2018 thru December 31, 2018 are \$5,603,039 while revenues amounted to \$3,380,322 resulting in a deficit of \$2,222,717. A total of \$31,565,463 is held by the counties in their respective FPD sales tax funds and will be needed by the Council for the 500-Year Authorized Level of Protection.

Monthly sales tax receipts of \$1,008,420 for September 2018 were up .75% from last year and monthly sales tax receipts of \$1,027,289 for October 2018 were up 3.15% from last year. Both amounts were the highest amounts ever collected in September and October and are the twenty third and twenty fourth months in a row with the highest receipts collected for those particular months. Receipts are up 3.29% from last year, which was our highest year.

Monthly Disbursements

Attached are the lists of bank transactions for November and December 2018. Total disbursements for November were \$198,064.65 and for December were \$181,383.82. The largest payments were to Wood and East West Gateway.

Recommendation:

Accept the budget reports and disbursements for November and December 2018.

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION
DISTRICT COUNCIL**

**GENERAL FUND
STATEMENT OF REVENUES AND EXPENDITURES – BUDGET AND ACTUAL**

TWO MONTHS ENDED NOVEMBER 30, 2018 AND 2017



CliftonLarsonAllen

CliftonLarsonAllen LLP
www.cliftonlarsonallen.com

Board Members
Southwestern Illinois Flood Prevention District Council
Collinsville, Illinois

Management is responsible for the accompanying General Fund Statement of Revenues and Expenditures of Southwestern Illinois Flood Prevention District Council (the "Council") for the two months ended November 30, 2018 and 2017, in accordance with accounting principles generally accepted in the United States of America. We have performed compilation engagements in accordance with Statements on Standards for Accounting and Review services promulgated by the Accounting and Review Services Committee of the American Institute of certified Public Accountants. We did not audit or review the financial statements nor were we required to perform any procedures to verify the accuracy or completeness of information provided by management. Accordingly, we do not express an opinion a conclusion, nor provide any form of assurances on these financial statements.

Management has omitted the management discussion and analysis. Such missing information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context.

Management has not presented government-wide financial statements to display the financial position and changes in financial position of its governmental activity. Accounting principles generally accepted in the United States of America require the presentation of government-wide financial statements. The change in fund balance for the Council's governmental activity is not reasonably determinable.

Management has not presented a balance sheet for the general fund. Accounting principles generally accepted in the United States of America require the presentation of a balance sheet for each fund contained in the financial statements. The amounts that would be reported in a balance sheet of the general fund for the Council are not reasonably determinable.

Management has not presented a change in fund balance on the Statement of Revenues and Expenditures – Budget and Actual. Accounting principles generally accepted in the United States of America require the Statement of Revenues, Expenditures and Changes in Fund Balance include a presentation of changes in fund balance. The amounts that would be reported in government-wide financial statements for the Council's governmental activity is not reasonably determinable.

Management has also elected to omit substantially all of the disclosures required by generally accepted accounting principles. If the omitted disclosures were included with the financial statements, they might influence the user's conclusions about the Council's results of operations. Accordingly, these financial statements are not designed for those who are not informed about such matters.

The accompanying original and final budget amounts presented on the General Fund Statement of Revenues and Expenditures – Budget and Actual presented for the year ending September 30, 2019 and 2018, have not been compiled or examined by us, and, accordingly, we do not express an opinion or any other form of assurance on them.

We are not independent with respect to Southwestern Illinois Flood Prevention District Council.

A handwritten signature in black ink that reads "Clifton Larson Allen LLP". The signature is written in a cursive, flowing style.

CliftonLarsonAllen LLP

St. Louis, Missouri
December 7, 2018

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
GENERAL FUND
STATEMENT OF REVENUES AND EXPENDITURES - BUDGET AND ACTUAL
TWO MONTHS ENDED NOVEMBER 30, 2018 (Actual)
FISCAL YEAR ENDING SEPTEMBER 30, 2019 (Budget)**

	BUDGET		ACTUAL	VARIANCE WITH
	ORIGINAL	FINAL		FINAL BUDGET
				POSITIVE (NEGATIVE)
REVENUES				
Sales Tax Proceeds From Districts	\$ 12,475,000	\$ 12,475,000	\$ 2,046,597	\$ 10,428,403
Interest Income	280,000	280,000	293,033	(13,033)
Other Contributions	-	-	-	-
Total Revenues	12,755,000	12,755,000	2,339,630	10,415,370
EXPENDITURES				
Current				
Design and Construction				
Engineering Design & Construction Management	7,869,377	7,869,377	312,258	7,557,119
Construction	20,527,970	20,527,970	(72,244)	20,600,214
Construction and design by US ACE	3,500,000	3,500,000	507,480	2,992,520
Total Design and Construction	31,897,347	31,897,347	747,494	31,149,853
Professional Services				
Legal & Legislative Consulting	322,500	322,500	8,556	313,944
Financial Advisor	65,000	65,000	5,050	59,950
Bond Underwriter/Conduit Issuer	12,000	12,000	1,224	10,776
Total Professional Services	399,500	399,500	14,830	384,670
Refund of Surplus Funds to County FPD Accounts				
Madison County	1,243,675	1,243,675	245,596	998,079
Monroe County	118,750	118,750	23,899	94,851
St. Clair County	1,137,575	1,137,575	235,442	902,133
Total Refund of Surplus Funds to County	2,500,000	2,500,000	504,937	1,995,063
Debt Service				
Principal and Interest	10,876,570	10,876,570	4,127,685	6,748,885
Federal Interest Subsidy	(850,070)	(850,070)	-	(850,070)
Total Debt Service	10,026,500	10,026,500	4,127,685	5,898,815
Total Operating Expenses	44,823,347	44,823,347	5,394,946	39,428,401
General and Administrative Costs				
Salaries, Benefits	213,000	213,000	35,648	177,352
Bank Service Charges	1,200	1,200	123	1,077
Equipment and Software	2,000	2,000	19	1,981
Fiscal Agency Services	32,000	32,000	4,820	27,180
Audit Services	16,500	16,500	-	16,500
Meeting Expenses	1,000	1,000	-	1,000
Postage/Delivery	1,000	1,000	148	852
Printing/Photocopies	2,500	2,500	156	2,344
Professional Services	10,000	10,000	-	10,000
Supplies	3,000	3,000	92	2,908
Telecommunications/Internet	3,000	3,000	344	2,656
Travel	5,000	5,000	-	5,000
Insurance	1,000	1,000	484	516
Total General & Administrative Costs	291,200	291,200	41,834	249,366
Total Expenditures	45,114,547	45,114,547	5,436,780	39,677,767
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES				
	(32,359,547)	(32,359,547)	(3,097,150)	29,262,397
OTHER FINANCING SOURCES				
Proceeds From Borrowing	-	-	-	-
NET CHANGE IN FUND BALANCE	\$ (32,359,547)	\$ (32,359,547)	\$ (3,097,150)	\$ 29,262,397

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
GENERAL FUND
STATEMENT OF REVENUES AND EXPENDITURES - BUDGET AND ACTUAL
TWO MONTHS ENDED NOVEMBER 30, 2017 (Actual)
FISCAL YEAR ENDING SEPTEMBER 30, 2018 (Budget)**

	BUDGET		ACTUAL	VARIANCE WITH FINAL BUDGET POSITIVE (NEGATIVE)
	ORIGINAL	FINAL		
REVENUES				
Sales Tax Proceeds From Districts	\$ 11,835,000	\$ 11,835,000	\$ 1,977,351	\$ 9,857,649
Interest Income	225,000	225,000	141,051	83,949
Other Contributions	-	-	-	-
Total Revenues	<u>12,060,000</u>	<u>12,060,000</u>	<u>2,118,402</u>	<u>9,941,598</u>
EXPENDITURES				
Current				
Design and Construction				
Engineering Design & Construction Management	5,688,038	5,688,038	748,827	4,939,211
Construction	7,330,945	7,330,945	1,753,861	5,577,084
Construction and design by US ACE	6,157,291	6,157,291	-	6,157,291
Total Design and Construction	<u>19,176,274</u>	<u>19,176,274</u>	<u>2,502,688</u>	<u>16,673,586</u>
Professional Services				
Legal & Legislative Consulting	486,000	486,000	26,546	459,454
Diversity Program Manager	11,525	11,525	-	11,525
Financial Advisor	65,000	65,000	5,720	59,280
Bond Underwriter/Conduit Issuer	16,000	16,000	1,161	14,839
Total Professional Services	<u>578,525</u>	<u>578,525</u>	<u>33,427</u>	<u>545,098</u>
Refund of Surplus Funds to County FPD Accounts				
Madison County	1,459,170	1,459,170	383,517	1,075,653
Monroe County	141,990	141,990	39,022	102,968
St. Clair County	1,398,840	1,398,840	377,588	1,021,252
Total Refund of Surplus Funds to County	<u>3,000,000</u>	<u>3,000,000</u>	<u>800,127</u>	<u>2,199,873</u>
Debt Service				
Principal and Interest	10,798,620	10,798,620	4,101,935	6,696,685
Federal Interest Subsidy	(847,340)	(847,340)	-	(847,340)
Total Debt Service	<u>9,951,280</u>	<u>9,951,280</u>	<u>4,101,935</u>	<u>5,849,345</u>
Total Operating Expenses	<u>32,706,079</u>	<u>32,706,079</u>	<u>7,438,177</u>	<u>25,267,903</u>
General and Administrative Costs				
Salaries, Benefits	203,000	203,000	28,101	174,899
Bank Service Charges	1,500	1,500	193	1,307
Conference Registration	350	350	-	350
Equipment and Software	2,000	2,000	-	2,000
Fiscal Agency Services	31,000	31,000	5,660	25,340
Audit Services	16,000	16,000	-	16,000
Meeting Expenses	1,000	1,000	-	1,000
Postage/Delivery	1,000	1,000	124	876
Printing/Photocopies	3,500	3,500	386	3,114
Professional Services	10,000	10,000	-	10,000
Publications/Subscriptions	250	250	-	250
Supplies	3,300	3,300	115	3,185
Telecommunications/Internet	3,000	3,000	645	2,355
Travel	5,000	5,000	-	5,000
Insurance	1,000	1,000	484	516
Total General & Administrative Costs	<u>281,900</u>	<u>281,900</u>	<u>35,708</u>	<u>246,192</u>
Total Expenditures	<u>32,987,979</u>	<u>32,987,979</u>	<u>7,473,885</u>	<u>25,514,095</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	(20,927,979)	(20,927,979)	(5,355,483)	15,572,496
OTHER FINANCING SOURCES				
Proceeds From Borrowing	-	-	-	-
NET CHANGE IN FUND BALANCE	<u>\$ (20,927,979)</u>	<u>\$ (20,927,979)</u>	<u>\$ (5,355,483)</u>	<u>\$ 15,572,496</u>

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION
DISTRICT COUNCIL**

**GENERAL FUND
STATEMENT OF REVENUES AND EXPENDITURES – BUDGET AND ACTUAL**

THREE MONTHS ENDED DECEMBER 31, 2018 AND 2017



CliftonLarsonAllen

CliftonLarsonAllen LLP
www.cliftonlarsonallen.com

Board Members
Southwestern Illinois Flood Prevention District Council
Collinsville, Illinois

Management is responsible for the accompanying General Fund Statement of Revenues and Expenditures of Southwestern Illinois Flood Prevention District Council (the "Council") for the three months ended December 31, 2018 and 2017, in accordance with accounting principles generally accepted in the United States of America. We have performed compilation engagements in accordance with Statements on Standards for Accounting and Review services promulgated by the Accounting and Review Services Committee of the American Institute of certified Public Accountants. We did not audit or review the financial statements nor were we required to perform any procedures to verify the accuracy or completeness of information provided by management. Accordingly, we do not express an opinion a conclusion, nor provide any form of assurances on these financial statements.

Management has omitted the management discussion and analysis. Such missing information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context.

Management has not presented government-wide financial statements to display the financial position and changes in financial position of its governmental activity. Accounting principles generally accepted in the United States of America require the presentation of government-wide financial statements. The change in fund balance for the Council's governmental activity is not reasonably determinable.

Management has not presented a balance sheet for the general fund. Accounting principles generally accepted in the United States of America require the presentation of a balance sheet for each fund contained in the financial statements. The amounts that would be reported in a balance sheet of the general fund for the Council are not reasonably determinable.

Management has not presented a change in fund balance on the Statement of Revenues and Expenditures – Budget and Actual. Accounting principles generally accepted in the United States of America require the Statement of Revenues, Expenditures and Changes in Fund Balance include a presentation of changes in fund balance. The amounts that would be reported in government-wide financial statements for the Council's governmental activity is not reasonably determinable.

Management has also elected to omit substantially all of the disclosures required by generally accepted accounting principles. If the omitted disclosures were included with the financial statements, they might influence the user's conclusions about the Council's results of operations. Accordingly, these financial statements are not designed for those who are not informed about such matters.

The accompanying original and final budget amounts presented on the General Fund Statement of Revenues and Expenditures – Budget and Actual presented for the year ending September 30, 2019 and 2018, have not been compiled or examined by us, and, accordingly, we do not express an opinion or any other form of assurance on them.

We are not independent with respect to Southwestern Illinois Flood Prevention District Council.

A handwritten signature in black ink that reads "Clifton Larson Allen LLP". The signature is written in a cursive, flowing style.

CliftonLarsonAllen LLP

St. Louis, Missouri
January 4, 2019

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
GENERAL FUND
STATEMENT OF REVENUES AND EXPENDITURES - BUDGET AND ACTUAL
THREE MONTHS ENDED DECEMBER 31, 2018 (Actual)
FISCAL YEAR ENDING SEPTEMBER 30, 2019 (Budget)**

	BUDGET		ACTUAL	VARIANCE WITH
	ORIGINAL	FINAL		FINAL BUDGET
				POSITIVE (NEGATIVE)
REVENUES				
Sales Tax Proceeds From Districts	\$ 12,475,000	\$ 12,475,000	\$ 3,055,017	\$ 9,419,983
Interest Income	280,000	280,000	325,305	(45,305)
Other Contributions	-	-	-	-
Total Revenues	<u>12,755,000</u>	<u>12,755,000</u>	<u>3,380,322</u>	<u>9,374,678</u>
EXPENDITURES				
Current				
Design and Construction				
Engineering Design & Construction Management	7,869,377	7,869,377	449,531	7,419,846
Construction	20,527,970	20,527,970	(72,244)	20,600,214
Construction and design by US ACE	3,500,000	3,500,000	507,480	2,992,520
Total Design and Construction	<u>31,897,347</u>	<u>31,897,347</u>	<u>884,767</u>	<u>31,012,580</u>
Professional Services				
Legal & Legislative Consulting	322,500	322,500	16,674	305,826
Financial Advisor	65,000	65,000	5,950	59,050
Bond Underwriter/Conduit Issuer	12,000	12,000	1,224	10,776
Total Professional Services	<u>399,500</u>	<u>399,500</u>	<u>23,848</u>	<u>375,652</u>
Refund of Surplus Funds to County FPD Accounts				
Madison County	1,243,675	1,243,675	245,596	998,079
Monroe County	118,750	118,750	23,899	94,851
St. Clair County	1,137,575	1,137,575	235,442	902,133
Total Refund of Surplus Funds to County	<u>2,500,000</u>	<u>2,500,000</u>	<u>504,937</u>	<u>1,995,063</u>
Debt Service				
Principal and Interest	10,876,570	10,876,570	4,127,685	6,748,885
Federal Interest Subsidy	(850,070)	(850,070)	-	(850,070)
Total Debt Service	<u>10,026,500</u>	<u>10,026,500</u>	<u>4,127,685</u>	<u>5,898,815</u>
Total Operating Expenses	<u>44,823,347</u>	<u>44,823,347</u>	<u>5,541,237</u>	<u>39,282,110</u>
General and Administrative Costs				
Salaries, Benefits	213,000	213,000	50,742	162,258
Bank Service Charges	1,200	1,200	184	1,016
Equipment and Software	2,000	2,000	170	1,830
Fiscal Agency Services	32,000	32,000	9,230	22,770
Audit Services	16,500	16,500	-	16,500
Meeting Expenses	1,000	1,000	-	1,000
Postage/Delivery	1,000	1,000	214	786
Printing/Photocopies	2,500	2,500	156	2,344
Professional Services	10,000	10,000	-	10,000
Supplies	3,000	3,000	92	2,908
Telecommunications/Internet	3,000	3,000	530	2,470
Travel	5,000	5,000	-	5,000
Insurance	1,000	1,000	484	516
Total General & Administrative Costs	<u>291,200</u>	<u>291,200</u>	<u>61,802</u>	<u>229,398</u>
Total Expenditures	<u>45,114,547</u>	<u>45,114,547</u>	<u>5,603,039</u>	<u>39,511,508</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	(32,359,547)	(32,359,547)	(2,222,717)	30,136,830
OTHER FINANCING SOURCES				
Proceeds From Borrowing	-	-	-	-
NET CHANGE IN FUND BALANCE	<u>\$ (32,359,547)</u>	<u>\$ (32,359,547)</u>	<u>\$ (2,222,717)</u>	<u>\$ 30,136,830</u>

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
GENERAL FUND
STATEMENT OF REVENUES AND EXPENDITURES - BUDGET AND ACTUAL
THREE MONTHS ENDED DECEMBER 31, 2017 (Actual)
FISCAL YEAR ENDING SEPTEMBER 30, 2018 (Budget)**

	BUDGET		ACTUAL	VARIANCE WITH FINAL BUDGET POSITIVE (NEGATIVE)
	ORIGINAL	FINAL		
REVENUES				
Sales Tax Proceeds From Districts	\$ 11,835,000	\$ 11,835,000	\$ 2,978,252	\$ 8,856,748
Interest Income	225,000	225,000	177,245	47,755
Other Contributions	-	-	-	-
Total Revenues	<u>12,060,000</u>	<u>12,060,000</u>	<u>3,155,497</u>	<u>8,904,503</u>
EXPENDITURES				
Current				
Design and Construction				
Engineering Design & Construction Management	5,688,038	5,688,038	1,374,813	4,313,225
Construction	7,330,945	7,330,945	2,300,022	5,030,923
Construction and design by US ACE	6,157,291	6,157,291	207,000	5,950,291
Total Design and Construction	<u>19,176,274</u>	<u>19,176,274</u>	<u>3,881,835</u>	<u>15,294,439</u>
Professional Services				
Legal & Legislative Consulting	486,000	486,000	38,133	447,867
Diversity Program Manager	11,525	11,525	-	11,525
Financial Advisor	65,000	65,000	6,620	58,380
Bond Underwriter/Conduit Issuer	16,000	16,000	1,161	14,839
Total Professional Services	<u>578,525</u>	<u>578,525</u>	<u>45,914</u>	<u>532,611</u>
Refund of Surplus Funds to County FPD Accounts				
Madison County	1,459,170	1,459,170	383,517	1,075,653
Monroe County	141,990	141,990	39,022	102,968
St. Clair County	1,398,840	1,398,840	377,588	1,021,252
Total Refund of Surplus Funds to County	<u>3,000,000</u>	<u>3,000,000</u>	<u>800,127</u>	<u>2,199,873</u>
Debt Service				
Principal and Interest	10,798,620	10,798,620	4,101,935	6,696,685
Federal Interest Subsidy	(847,340)	(847,340)	-	(847,340)
Total Debt Service	<u>9,951,280</u>	<u>9,951,280</u>	<u>4,101,935</u>	<u>5,849,345</u>
Total Operating Expenses	<u>32,706,079</u>	<u>32,706,079</u>	<u>8,829,811</u>	<u>23,876,269</u>
General and Administrative Costs				
Salaries, Benefits	203,000	203,000	45,932	157,068
Bank Service Charges	1,500	1,500	305	1,195
Conference Registration	350	350	-	350
Equipment and Software	2,000	2,000	-	2,000
Fiscal Agency Services	31,000	31,000	9,020	21,980
Audit Services	16,000	16,000	-	16,000
Meeting Expenses	1,000	1,000	-	1,000
Postage/Delivery	1,000	1,000	173	827
Printing/Photocopies	3,500	3,500	642	2,858
Professional Services	10,000	10,000	-	10,000
Publications/Subscriptions	-	-	-	-
Supplies	3,300	3,300	115	3,185
Telecommunications/Internet	3,000	3,000	851	2,149
Travel	5,000	5,000	-	5,000
Insurance	1,000	1,000	484	516
Total General & Administrative Costs	<u>281,650</u>	<u>281,650</u>	<u>57,522</u>	<u>224,128</u>
Total Expenditures	<u>32,987,729</u>	<u>32,987,729</u>	<u>8,887,333</u>	<u>24,100,397</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	(20,927,729)	(20,927,729)	(5,731,836)	15,195,893
OTHER FINANCING SOURCES				
Proceeds From Borrowing	-	-	-	-
NET CHANGE IN FUND BALANCE	<u>\$ (20,927,729)</u>	<u>\$ (20,927,729)</u>	<u>\$ (5,731,836)</u>	<u>\$ 15,195,893</u>

Flood Prevention District Sales Tax Trends 2009-2018

2009												County Share		
Jan	Feb	March	April	May	June	July	August	Sept	October	November	December	Total		
Total Month	\$691,588	\$732,364	\$859,811	\$824,537	\$874,802	\$900,479	\$849,401	\$849,169	\$868,594	\$859,754	\$893,068	\$1,124,290	\$10,327,857	
Total Month	\$757,374	\$808,220	\$960,768	\$946,214	\$924,312	\$953,709	\$895,275	\$898,581	\$886,633	\$902,537	\$946,242	\$1,167,140	\$11,047,005	
2010														
2011														
Madison	\$380,021	\$383,976	\$460,129	\$454,562	\$466,904	\$477,396	\$473,303	\$448,256	\$444,204	\$455,842	\$538,000	\$5,419,230	48.108%	
St. Clair	\$363,984	\$395,231	\$455,562	\$437,820	\$436,490	\$475,972	\$433,460	\$441,030	\$412,793	\$451,390	\$594,129	\$5,331,638	47.330%	
Monroe	\$38,315	\$34,759	\$41,192	\$44,975	\$41,786	\$45,836	\$43,323	\$42,564	\$42,690	\$42,252	\$51,266	\$513,845	4.562%	
Total Month	\$782,320	\$813,966	\$956,883	\$937,357	\$945,180	\$999,204	\$914,984	\$931,850	\$899,687	\$949,484	\$1,183,395	\$11,264,713		
Cumulative Total	\$782,320	\$1,596,286	\$2,553,169	\$3,490,526	\$4,435,706	\$5,434,910	\$6,349,894	\$7,300,297	\$8,232,147	\$9,131,834	\$10,081,318	\$11,264,713		
2012														
Madison	\$381,470	\$406,476	\$473,049	\$471,191	\$481,989	\$477,254	\$427,562	\$434,603	\$428,193	\$429,127	\$523,240	\$5,362,675	47.481%	
St. Clair	\$361,727	\$415,491	\$468,490	\$432,173	\$468,782	\$473,567	\$425,923	\$441,838	\$424,289	\$454,916	\$589,183	\$5,394,563	47.763%	
Monroe	\$37,471	\$38,904	\$46,086	\$46,051	\$46,231	\$45,671	\$43,063	\$45,307	\$46,230	\$45,429	\$51,062	\$537,146	4.756%	
Total Month	\$780,668	\$860,871	\$987,625	\$949,415	\$997,002	\$996,492	\$896,548	\$921,748	\$899,040	\$929,472	\$1,163,485	\$11,294,384		
Cumulative Total	\$780,668	\$1,641,539	\$2,629,164	\$3,578,579	\$4,575,581	\$5,572,073	\$6,468,621	\$7,390,369	\$8,302,387	\$9,201,427	\$10,130,899	\$11,294,384		
2013														
Madison	\$375,398	\$383,170	\$424,507	\$425,469	\$457,212	\$451,494	\$436,686	\$442,449	\$429,499	\$432,541	\$500,233	\$5,189,199	47.062%	
St. Clair	\$381,645	\$395,527	\$449,397	\$434,001	\$457,942	\$462,603	\$422,892	\$432,195	\$419,350	\$448,076	\$560,165	\$5,293,807	48.011%	
Monroe	\$37,888	\$39,679	\$45,689	\$45,913	\$48,212	\$47,694	\$42,672	\$45,143	\$44,733	\$47,111	\$53,853	\$543,310	4.927%	
Total Month	\$794,931	\$818,376	\$919,593	\$905,383	\$963,366	\$961,791	\$902,250	\$919,787	\$893,572	\$927,728	\$1,114,251	\$11,026,316		
Cumulative Total	\$794,931	\$1,613,307	\$2,532,900	\$3,438,283	\$4,401,649	\$5,363,440	\$6,265,690	\$7,185,477	\$8,090,765	\$8,984,337	\$9,912,065	\$11,026,316		
% change/month	1.83%	-4.94%	-6.89%	-4.64%	-3.37%	-3.48%	0.64%	-0.21%	-0.74%	-0.61%	-0.19%	-4.23%		
% change/total	1.83%	-1.72%	-3.66%	-3.92%	-3.80%	-3.74%	-3.14%	-2.77%	-2.55%	-2.36%	-2.16%	-2.37%		
2014														
Madison	\$373,895	\$383,909	\$456,964	\$457,729	\$484,657	\$491,911	\$455,629	\$442,808	\$447,128	\$452,169	\$521,522	\$5,423,317	47.785%	
St. Clair	\$354,762	\$395,885	\$460,143	\$436,379	\$458,819	\$470,546	\$426,263	\$445,419	\$433,077	\$446,001	\$591,387	\$5,352,747	47.163%	
Monroe	\$42,321	\$39,665	\$47,587	\$47,796	\$52,206	\$49,022	\$47,357	\$46,167	\$48,920	\$49,552	\$52,714	\$573,362	5.052%	
Total Month	\$770,978	\$819,459	\$964,694	\$941,905	\$995,682	\$1,011,479	\$929,249	\$935,226	\$929,126	\$947,722	\$1,165,623	\$11,349,426		
Cumulative Total	\$770,978	\$1,590,437	\$2,555,131	\$3,497,036	\$4,492,718	\$5,504,197	\$6,433,446	\$7,368,671	\$8,306,955	\$9,236,081	\$10,183,803	\$11,349,426		
% change/month	-3.01%	0.13%	4.90%	4.03%	3.35%	5.17%	2.99%	1.68%	3.98%	2.16%	4.61%			
% change/total	-3.01%	-1.42%	0.88%	1.71%	2.07%	2.62%	2.68%	2.55%	2.80%	2.74%	2.93%	2.93%		

Flood Prevention District Sales Tax Trends 2009-2018

2015

	Jan	Feb	March	April	May	June	July	August	Sept	October	November	December	Total
Madison	\$399,500	\$390,593	\$446,269	\$464,703	\$481,304	\$486,423	\$453,262	\$461,408	\$460,379	\$462,462	\$452,448	\$543,239	\$5,501,990
St. Clair	\$379,901	\$383,206	\$462,400	\$425,254	\$455,740	\$483,020	\$432,378	\$448,558	\$448,981	\$443,474	\$449,738	\$604,257	\$5,416,905
Monroe	\$42,760	\$39,903	\$45,866	\$47,189	\$50,546	\$48,723	\$47,636	\$45,837	\$46,257	\$46,831	\$46,048	\$52,198	\$559,793
Total Month	\$822,161	\$813,702	\$954,534	\$937,146	\$987,590	\$1,018,166	\$933,276	\$955,803	\$955,617	\$952,766	\$948,234	\$1,199,694	\$11,478,688
Cumulative Total	\$822,161	\$1,635,863	\$2,590,397	\$3,527,543	\$4,515,133	\$5,533,299	\$6,466,575	\$7,422,377	\$8,377,994	\$9,330,760	\$10,278,994	\$11,478,688	
% change/month	6.64%	-0.70%	-1.05%	-0.51%	0.87%	0.66%	0.43%	2.20%	1.85%	2.54%	0.05%	2.92%	
% change/total	6.64%	2.86%	1.38%	0.87%	0.50%	0.53%	0.51%	0.73%	0.86%	1.03%	0.93%	1.14%	1.14%

2016

	Jan	Feb	March	April	May	June	July	August	Sept	October	November	December	Total
Madison	\$395,852	\$411,203	\$475,278	\$456,249	\$478,524	\$494,024	\$452,132	\$458,210	\$470,096	\$475,402	\$484,213	\$567,037	\$5,618,218
St. Clair	\$372,259	\$406,919	\$474,256	\$423,758	\$448,782	\$480,827	\$436,971	\$434,488	\$445,274	\$426,875	\$453,732	\$581,743	\$5,385,884
Monroe	\$40,343	\$38,630	\$45,925	\$48,147	\$46,862	\$46,530	\$44,151	\$43,946	\$44,775	\$47,195	\$43,931	\$56,287	\$546,721
Total Month	\$808,455	\$856,751	\$995,459	\$928,154	\$974,167	\$1,021,380	\$933,254	\$936,644	\$960,144	\$949,471	\$981,877	\$1,205,068	\$11,550,824
Cumulative Total	\$808,455	\$1,665,206	\$2,660,665	\$3,588,818	\$4,562,986	\$5,584,366	\$6,517,619	\$7,454,264	\$8,414,408	\$9,363,879	\$10,345,756	\$11,550,824	
% change/month	-1.67%	5.29%	4.29%	-0.96%	-1.36%	0.32%	0.00%	-2.00%	0.47%	-0.35%	3.55%	0.45%	
% change/total	-1.67%	1.79%	2.71%	1.74%	1.06%	0.92%	0.79%	0.43%	0.43%	0.35%	0.65%	0.63%	0.63%

2017

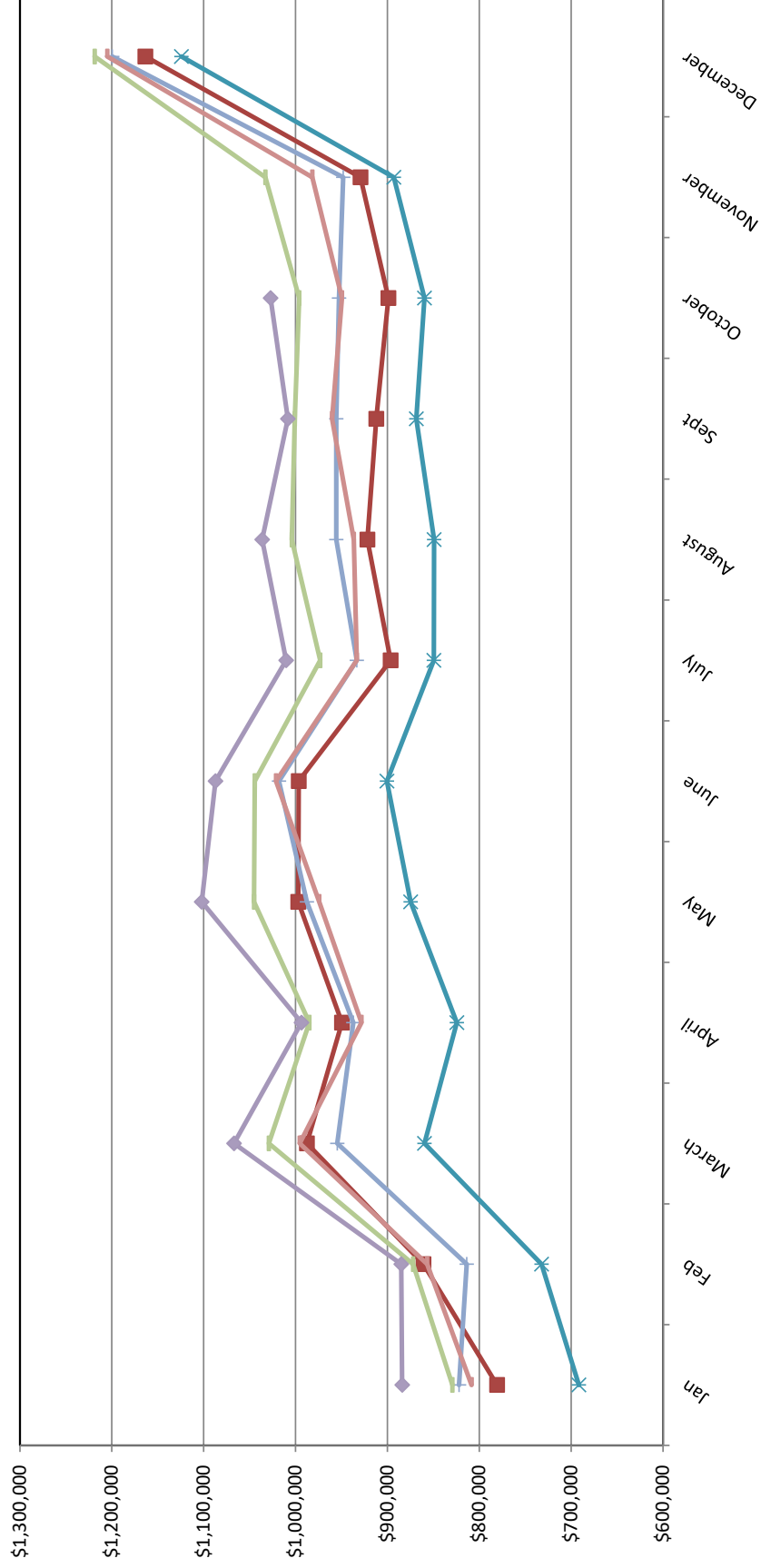
	Jan	Feb	March	April	May	June	July	August	Sept	October	November	December	Total
Madison	\$415,258	\$430,036	\$504,211	\$491,654	\$526,342	\$520,314	\$491,546	\$503,604	\$498,967	\$498,088	\$515,011	\$590,042	\$5,985,073
St. Clair	\$372,274	\$401,535	\$478,561	\$447,083	\$470,278	\$475,488	\$434,801	\$452,641	\$452,607	\$448,381	\$469,634	\$571,184	\$5,474,466
Monroe	\$41,692	\$40,595	\$46,453	\$46,375	\$48,562	\$48,715	\$46,928	\$47,831	\$49,327	\$49,432	\$48,091	\$57,529	\$571,530
Total Month	\$829,224	\$872,167	\$1,029,226	\$985,112	\$1,045,182	\$1,044,517	\$973,275	\$1,004,076	\$1,000,900	\$995,901	\$1,032,735	\$1,218,755	\$12,031,070
Cumulative Total	\$829,224	\$1,701,391	\$2,730,617	\$3,715,729	\$4,760,911	\$5,805,428	\$6,778,703	\$7,782,779	\$8,783,679	\$9,779,580	\$10,812,315	\$12,031,070	
% change/month	2.57%	1.80%	3.39%	6.14%	7.29%	2.27%	4.29%	7.20%	4.24%	4.89%	5.18%	1.14%	
% change/total	2.57%	2.17%	2.63%	3.54%	4.34%	3.96%	4.01%	4.41%	4.39%	4.44%	4.51%	4.16%	4.16%

2018

	Jan	Feb	March	April	May	June	July	August	Sept	October	November	December	Total
Madison	\$443,850	\$446,844	\$534,938	\$504,589	\$559,962	\$545,446	\$513,918	\$523,807	\$504,297	\$520,584			\$5,098,235
St. Clair	\$396,750	\$397,343	\$483,255	\$441,038	\$487,559	\$491,515	\$446,749	\$464,302	\$454,152	\$453,626			\$4,516,290
Monroe	\$43,425	\$40,823	\$48,929	\$47,933	\$54,616	\$50,298	\$49,686	\$48,134	\$49,971	\$53,079			\$486,893
Total Month	\$884,025	\$885,009	\$1,067,122	\$993,560	\$1,102,138	\$1,087,259	\$1,010,353	\$1,036,244	\$1,008,420	\$1,027,289			\$10,101,418
Cumulative Total	\$884,025	\$1,769,033	\$2,836,155	\$3,829,715	\$4,931,852	\$6,019,112	\$7,029,465	\$8,065,709	\$9,074,129	\$10,101,418			
% change/month	6.61%	1.47%	3.68%	0.86%	5.45%	4.09%	3.81%	3.20%	0.75%	3.15%			
% change/total	6.61%	3.98%	3.87%	3.07%	3.59%	3.68%	3.70%	3.64%	3.31%	3.29%			

Flood Prevention District Sales Tax Trends 2009-2018

Monthly Receipts 2009-2012-2015-2016-2017-2018



**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
SUPPLEMENTARY SUPPORTING SCHEDULE
BANK TRANSACTIONS
November 30, 2018**

Beginning Bank Balance as of November 1, 2018		\$ 1,046,610.98
Receipts		
UMB Bank	11/13/2018 City of East St. Louis	76,890.00
UMB Bank	11/15/2018 Admin Transfer	21,409.34
	11/15/2018 Construction Transfer	169,606.57
The Bank of Edwardsville	11/30/2018 Interest	1,950.26
		\$ 269,856.17
Disbursements		
East-West Gateway Council of Governments	11/06/2018 Management Salary	18,556.68
Prairie DuPoint Levee and Sanitary Distri	11/06/2018 Construction	7,480.20
CliftonLarsonAllen LLP	11/08/2018 Fiscal Agent	2,508.47
AT&T	11/13/2018 Internet	100.43
Husch Blackwell	11/14/2018 Legal	4,550.40
Wood Enviroment & Infrastructure Solution	11/14/2018 Construction	159,276.37
The Bank of Edwardsville	11/15/2018 Wire Fee	15.00
The Bank of Edwardsville	11/15/2018 Wire Fee	15.00
Columbia Capital	11/20/2018 Financial Advisor	900.00
Cost Less Copy Center	11/20/2018 Board Meeting Materials	156.00
UMB Bank, NA	11/20/2018 Bond Advisor	1,224.30
Columbia Capital	11/20/2018 Financial Advisor	3,250.00
The Bank of Edwardsville	11/30/2018 Wire Fee	15.00
The Bank of Edwardsville	11/30/2018 Bank Charges	16.80
		\$ 198,064.65
		\$ 1,118,402.50

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
SUPPLEMENTARY SUPPORTING SCHEDULE
BANK TRANSACTIONS
December 31, 2018**

Beginning Bank Balance as of December 1, 2018		\$ 1,118,402.50
Receipts		
UMB Bank	12/15/2018 Admin Transfer	23,142.60
UMB Bank	12/15/2018 Construction Transfer	148,415.77
The Bank of Edwardsville	12/31/2018 Interest	1,777.65
		\$ 173,336.02
Disbursements		
East-West Gateway Council of Governments	12/04/2018 Management Salary	17,091.77
Webroot Software	12/03/2018 Domain	85.00
CliftonLarsonAllen LLP	12/11/2018 Fiscal Agent	2,459.40
AT&T	12/10/2018 Internet	100.43
Husch Blackwell	12/11/2018 Legal	8,118.45
Wood Enviroment & Infrastructure Solution	12/14/2018 Construction	137,273.02
The Bank of Edwardsville	12/17/2018 Wire Fee	15.00
The Bank of Edwardsville	12/17/2018 Wire Fee	15.00
Columbia Capital	12/04/2018 Financial Advisor	900.00
CDW Government	12/18/2018 Equipment & Software	150.95
Endicia	02/19/1900 Postage	50.00
The Bank of Edwardsville	12/31/2018 Bank Fees	30.80
East-West Gateway Council of Governments	12/27/2018 Management Salary	15,094.00
		\$ 181,383.82
		\$ 1,110,354.70



Memo to: Board of Directors

From: Chuck Etwert

Subject: Authorization to Execute Contract with Eberhardt Wetlands Bank, LLC
for Wetland Mitigation Services

Date: January 14, 2019

Section 404(b)(1) of the Federal Clean Water Act requires that anyone proposing activities within “waters of the United States” that are not water dependent is required to demonstrate that they have considered all appropriate reasonable and prudent measures to avoid and minimize impact to such waters. Furthermore, compensatory mitigation should be considered only after avoidance and minimization measures have been fully evaluated and applied to the extent practicable.

Wood, working in conjunction with the Corps of Engineers, has taken all practical and reasonable steps to avoid and minimize wetland impacts. Due to required tree clearing for the East St. Louis Design Deficiency Project, Bid Package #14, it will be necessary to replace about .9 acres of wetlands. The quality of the wetlands being replace require a replacement ratio of 3:1, therefore 2.7 acres will be needed to fully compensate for the wetlands that will be affected by the project.

Since the Council does not have in-house operations capability nor does it seek to own property long-term, a mitigation arrangement, which divests ownership and operational responsibilities and satisfies the Corps of Engineers, has been secured with Eberhardt Wetlands Bank, LLC at a cost of \$29,500 per acre, for a total cost of \$79,650.

The only other mitigation bank with their service area within the project area was Fountain Creek Mitigation Bank and their cost was \$30,000 per acre. The Corps usually requires a higher mitigation ratio when utilizing banks outside the basin/watershed, since the impacts are not within the same basin/watershed. Previous mitigation costs for the 100-Year Level of Protection was \$30,010 per acre. There will be additional mitigation costs for future Authorized Level Projects, as the footprints of those projects are finalized.

It should also be noted that the Corps is requiring the trees be cleared this winter prior to April 1st.

A copy of the Mitigation Credit Purchase Agreement is attached.

Recommendation: Authorize the Chief Supervisor execute a contract with Eberhardt Wetlands Bank, LLC to provide wetland mitigation for the East St Louis Design Deficiency Bid Package #14 project at a total cost of \$79,650. Under the terms of that agreement, Eberhardt Wetlands Bank, LLC will provide wetland mitigation for the required tree clearing for the East St Louis Design Deficiency Project Bid Package #14 project as approved by the Corps of Engineers.

MITIGATION CREDIT PURCHASE AGREEMENT

THIS MITIGATION CREDIT PURCHASE AGREEMENT (the "Agreement") is executed this ___ day of _____, 20___, by and between _____ ("Applicant") and Eberhardt Wetlands Bank, LLC, ("Banker") a limited liability company organized and existing under the law of the State of Illinois.

RECITALS

WHEREAS, _____ (**Insert Project Description**) has obtained a Section 404 Permit (MVS-_____ (**Insert 404 Permit #**)) ("404 Permit") from the U.S. Army Corps of Engineers (USACE) and a Section 401 Water Quality Certification ("401 Certification") from the Illinois Environmental Protection Agency);

WHEREAS, the Banker is the Bank Sponsor of the Eberhardt Wetland Mitigation Bank (USACE File Number MVS-2015-850 (P-2941)).

WHEREAS, a condition of the 404 Permit and 401 Certification, requires the Applicant to mitigate 0.9 acres of wetlands at a mitigation ratio of 3:1, and the Applicant has agreed to purchase 2.7 mitigation credits from Eberhardt Wetlands Bank, LLC. The 404 Permit and the 401 Certification require the Applicant to offset the loss of wetland through mitigation,

WHEREAS, the Applicant desires to purchase and Banker desires to sell the Credits under the terms and conditions set forth herein.

TERMS

- 1) **RECITALS.** The recitals set forth above are true and correct and are incorporated herein by reference.
- 2) **AGREEMENT TO PURCHASE.** Banker agrees to sell, and the Applicant agrees to purchase 2.7 Credits at a cost of \$29,500 per credit for a total payment of **\$79,650** ("Purchase Price") from Eberhardt Wetlands Bank, LLC, with a service area of the American Bottoms where the impacts will occur.]
- 3) **DELIVERY BY BANKER AND TRANSFER OF CREDITS.**

Banker Warranty. Banker represents and warrants that the Credit(s) to be sold are currently available and have been approved for release by the applicable authorities, including, but not limited to, the United States Army Corps of Engineers.

Delivery Date. Banker shall deliver the Credits to Applicant no later than ten (10) days from the date of payment in full by Applicant (the "Delivery Date").

Transfer of Credits. The delivery of the Credits to the Applicant shall be evidenced by the issuance an affidavit of credit sales and a copy of the applicable bank credit ledgers (together, the "Affidavit") by the Banker, through TetraTech, Inc., its duly authorized agent, within 10 days of payment. The credit ledgers are maintained by the Banker and periodically reviewed by the applicable resource agencies.
- 4) **NOTICES:** All notices from the Applicant to the Banker shall be deemed dully served if mailed or faxed to Banker at the following Address:

Eberhardt Wetlands Bank, LLC
c/o Gregory C. Dawdy
Bank Manager

Tetra Tech, Inc.
1634 Eastport Plaza Drive
Collinsville, IL 62234
Phone Number 618-343-2342
Fax Number 618-345-1281

With a copy to
Eberhardt Wetlands Bank, LLC
16 Williamsburg Road
St. Louis, MO 63141
Phone Number 314-910-0272

All Notices from the Banker to the Applicant shall be deemed duly served if mailed or faxed to Applicant:

Attention: [REDACTED]
[REDACTED]
[REDACTED]

City, State

Phone Number: [REDACTED]

Fax Number: [REDACTED]

- 5) **TERMINATION**: Should the Banker be found to have failed to perform its services consistent with applicable law, as specified in this Agreement, the Applicant may, after giving Banker written notice of such failure and a thirty day (30) period to correct such failure, terminate said Agreement immediately for cause and Banker shall reimburse the Applicant for the Purchase Price for Credits not delivered
- 6) **CHOICE OF LAW AND VENUE**: (i) This Agreement shall be deemed made in Madison County, Illinois. This Agreement shall be governed by and construed in accordance with the law of Illinois.
- 7) **MISCELLANEOUS**.

The benefits and obligations of the covenants herein shall inure to the benefit of and bind the respective heirs, executors, administrators, successors and assigns of the parties hereto. Neither this Agreement, nor any notice, memorandum nor notation thereof shall be recorded by any party hereto in the Public Records of Madison County, Illinois or of any other county in the state of Illinois. This Agreement shall impose no lien, charge or encumbrance upon any property.

The effective date of this Agreement shall be the day upon which the last of the parties hereto shall have executed this Agreement.

This Agreement shall be interpreted as drafted by both parties hereto equally, and no rule of strict construction shall be applied against any party.

The captions are included for convenience only and shall be given no legal effect whatsoever.

The Banker and the Applicant may change the above mailing address at any time upon giving the other party written notification. All notices under this Agreement must be in writing.

Nothing herein contained shall create or be construed as creating a partnership between the Applicant and the Banker or to constitute the Banker as an agent of the Applicant.

A modification of this Agreement is not valid unless signed by both parties and otherwise in accordance with requirements of law. This Agreement contains the entire agreement between the parties pertaining to the subject matter of this Agreement. With respect to that subject matter, there are no promises, agreements, conditions, inducements, warranties, or understandings, written or oral, expressed or implied, between the parties, other than as set forth or referenced herein.

IN WITNESS WHEREOF: the Banker and the Applicant, have each, respectively, by an authorized person or agent, hereunder set their hands and seals on the date and year first above written.

APPLICANT:

[Redacted]

By: [Redacted]

Signature

[Redacted]

Printed Name

[Redacted]

Title

BANKER:

Eberhardt Wetlands Bank, LLC

By: Gary A. Eberhardt, Managing Member



Memo to: Board of Directors
From: Chuck Ewert
Subject: Financial Update
Date: January 14, 2019

The Corps of Engineers has recently issued their certified cost estimate for Wood River, completing their issuance of revised cost estimates for the East St. Louis (MESD), Prairie Du Pont/Fish Lake, and Wood River Levee Systems.

The Corps' current estimates indicate approximately an additional twenty-six million dollars of non-federal funds will be needed to achieve the Authorized Level.

However, should be noted that we are very early in the overall design/construction process, and hopefully, the costs will be lower as designs and construction are completed. This was the case with the 100-Year Level Accreditation Projects, which originally had estimated construction costs of well over \$100 million dollars and ended up just under \$75 million dollars.

Additionally, sales tax revenues continue to rise above previous projections, improving the Council's bonding capacity.

Jeff White and Khalen Dwyer, our financial advisors, from Columbia Capital Management, will be providing an update on the Council's additional bonding capacity to generate funds needed to achieve the Authorized Level of Protection.

Recommendation:

Accept the Financial Update Report presented by Columbia Capital Management.

