

**STORMWATER PLANNING COMMISSION MEETING**  
**August 29, 2016**

**Members Present:**

Chairman, Jack Minner  
Mayor, Allen Adomite  
Gussie Gasper  
Rick Macho  
Brenda Roosevelt  
Larry Trucano  
Dennis Weber  
Rick Fancher

**Members Absent:**

Lori Daiber  
Robert Pollard  
Kelly Tracy  
Richard Worthen

**Others Present:**

Matt Brandmeyer  
Steve Brendel  
Breana Lamb

**Call of Meeting to Order:**

Chairman Jack Minner called the meeting to order at 9:04 AM.

**Approval of Minutes:**

Mayor Allen Adomite made a motion to approve the meeting minutes from February 29, 2016 and April 25, 2016. Seconded by Rick Fancher. Voice Vote. All ayes. Motion Approved.

**Old Business:** None.

**New Business:**

Mr. Brandmeyer indicated that HeartLands Conservancy was awarded a 319 grant for the Silver Creek Watershed in the amount of \$550,000. It is a direct result of our planning process and it will be used for water quality and flooding issues. It is a 55/45 match grant which means there will be over a million dollar investment into Silver Creek. Mr. Brandmeyer asked for the commissions' permission to schedule public hearings for the Stormwater Management Master Plan and the Silver Creek Watershed Plan and to move the plans to County Board. Mr. Macho said that the money that has been spent so far on the Silver Creek Watershed plan was to strictly produce a planning document. The next step is to find funding and partner with private landowners to do projects. Mr. Macho indicated that an infrastructure of the program needs to be determined that plans out who makes the approvals, what practices are eligible, what the cost is, etc. If a structure is not created there is possibility of having liability. Mr. Macho continued discussing how to create an infrastructure for the applications. Mr. Brandmeyer indicated that this has been discussed and Mr. Brendel and they are working on figuring out that process. A discussion ensued about what types of projects are the

most beneficial with the use of the grant money. Chairman Minner asked what the plans are for the grant money and Mr. Brandmeyer indicated that HeartLands Conservancy will be administering the grant money and there are hopes that Madison County Planning & Development can be involved. A discussion ensued about the match funds with the grant money. Mr. Brandmeyer discussed the process for the public hearing regarding the Stormwater Management Master Plan and the Upper Silver Creek Watershed Plan. The public hearing will occur at the next Stormwater Management Commission meeting on October 31<sup>st</sup>.

Mr. Brendel provided an update on the Cahokia Creek Watershed Plan. The Army Corps of Engineers is about halfway through their water source inventory and it should be finished by the end of November. Heartlands Conservancy is working on reviewing the best management practices and things that could be used to address the issues that came out of the inventory and public comment. Open houses and Stakeholder meetings have already occurred. Mr. Brandmeyer indicated that the process is to identify the issues and start to put it on maps as critical issues and start developing the projects and solutions to the issues. Mr. Brendel stated it will be the same processes as the Silver Creek Watershed Plan where there will be a list of 20 high priority to issues within the watershed.

Mr. Brendel indicated that Madison County Planning & Development is in the process of starting the next watershed plan which is the American Bottoms Watershed Plan. The County Board approved a cost share program that will enable the Corps of Engineers to do the water inventory. Mr. Brendel stated that the goal is to keep starting a new watershed plan every year. Public comment has already started for the American Bottoms with MESD, Pontoon Beach, Granite City, etc. Mr. Brandmeyer indicated that the public outreach will be broadcasted in the newspapers. Mr. Brendel indicated to Mr. Fancher that the next open house meeting will be in Granite City at the Township and Pontoon Beach. Mr. Brendel indicated they are going to try to reach out to everyone who is within the watershed area.

Mr. Brandmeyer indicated that the Ecological Restoration Plan will be incorporated into the American Bottoms Plan. The hydrological analysis was conducted a few years ago as well. The model behind the analysis will be used by the Corps to indicate where the issues are and how to address them. Mr. Fancher indicated that he met with the Corps about the Long Lake issue and the Corps and Juneau worked together to try and solve issues and some work is happening currently, such as, adding additional pipes under Route 162 because that area is the bottle neck. Mr. Brendel indicated that is a known fact that the bottle neck is a part of the problem. There has been discussion with Juneau about this location previously.

Mr. Brandmeyer asked Mr. Fancher to update on Horseshoe Lake Road. Mr. Fancher indicated that they have met with the Corps, Director of IDNR, and Water Resources. They indicated they dropped Horseshoe Lake to 402 depth. Mr. Fancher indicated that they are getting mixed information on what the depth of Horseshoe Lake should be. Mr. Fancher continued to discuss the issues with the depth of Horseshoe Lake. A discussion ensued about Horseshoe Lake and Lake Drive project. Mr. Brandmeyer indicated that these projects will help alleviate some issues but it will not solve the problem. Mr. Brandmeyer indicated work had been done to determine how the water travels and it ultimately ends up in a channel that MESD maintains. They had budgeted projects to help increase the capacity of the channel and provide more relief for Long Lake. The project was not completed because the landowner, Charlie Laymen, did not want to sign easements in order to finalize the project. Mr. Brendel stated that the attitude has changed towards the easements over the past few years. Mr. Brandmeyer stated that the conclusion of this issue was to dredge Horseshoe Lake, which would be about a \$5 million dollar project. The larger issue is what to do with the silt and the pollutants. A discussion ensued about the dredging of Horseshoe Lake.

Mr. Brandmeyer stated that the Silver Creek Watershed Plan is finished, the Cahokia Creek Watershed Plan is almost halfway completed, and they are working on the start-up of American Bottoms Watershed Plan. The next big plan is Wood River Creek which includes Bethalto which had significant issues a few weeks ago. Madison County is seeking a partnership with the Corps and will use HeartLands Conservancy to create the

plan and it should start in 2018. That will likely conclude all the bigger watershed plans. From there on out, Madison County Planning & Development will not need further assistance from the Corps or the EPA for the other watershed plans, provided Heartlands is available to complete the public engagement and overall planning process. Mr. Brandmeyer stated that East Fork of Silver Creek Watershed, which connects to the Upper Silver Creek Watershed will be next in line after Wood River Creek. He said Highland has already done a lot of the work for this plan. Mr. Brandmeyer stated there will be over 100 projects that will need to be completed after these major watershed plans. If the funding is there to keep doing these plans, they will be completed.

Mr. Fancher stated that MESD was asked by the Corps to be part of a pilot program along with Sacramento, Kansas City, and MESD. They are one of 3 in the pilot program and it is an Emergency Action Program (EAP). They are in the process of determining what would happen if there was a gate break and different scenarios of what the chain of action would be if it were to happen. When the three groups are completed, the program will be a nationwide program. Mr. Fancher continued to discuss the details of the pilot program and how the chain of action will occur. They want to have this program done by the end of the September. Mr. Brandmeyer asked if MESD was going to incorporate Code Red into it and Mr. Fancher indicated that it would be. Mr. Brandmeyer asked if the same plan could be applied to a lake and Mr. Fancher indicated that yes it could and it does currently for every dam in the United States and they are spreading it out to every levee district in the United States. Mr. Fancher indicated that there will be a meeting about this program on September 9<sup>th</sup> at the township building in Granite City.

Mr. Brandmeyer stated that FEMA is continuing with their process to revise the floodplain maps based upon the levee begin recertified. A few years ago, it was based on a de-certified levee so there will be changes to these maps. From what we understand, FEMA is within their initial comment period. They held an open house in July for municipalities to review the maps. Mr. Brandmeyer said that a few communities asked for assistance to look at the maps. As a result, Mr. Brandmeyer sent a letter to all the Mayors inviting them to a meeting to talk about how we respond to the changes of the maps. Mr. Brandmeyer stated that the maps that are proposed right now do not take a lot of things into consideration, including finished floor elevations of existing structures and infrastructure improvements. Mr. Brandmeyer said that not every instance of floodplain expansion will change, but it is worth the effort to see where it can be changed. Mr. Brendel stated that they want to make sure that the information that is coming up out of the maps should be the latest and updated information. Some people may be unhappy about it as some areas have expanded, but there are areas that are also shrinking as the data is better now. Mr. Brandmeyer said that they are also trying to pin point FEMA's timeline for adopting the maps.

Mr. Brendel stated that the FEMA Floodplain maps will be part of the MS4 meeting coming up in a few weeks. They are also dealing with changes for the MS4 general permit. There are now monitoring/sampling requirements and it will only have effect on populations with 25,000 or more. Mr. Brendel stated that there is only a few municipalities that have the population. There will be a new notice of intent with the annual report, it can be phased in within the next five years and is not as immediate change. A lot of it can be visual inspections, there are not requirements that require water samples. MS4 is developing a plan for people who are going to be required to do inspections. It is something that is going to be need to be reported on the annual report, that inspections are being completed. Mr. Brendel stated that they were able to provide a checklist about what is expected. Mr. Brendel continued to discuss the details about the MS4 audits. Mr. Brandmeyer stated that there are 6 components that needs to be addressed in the MS4 audits which are public outreach, post and pre-construction, good housekeeping, illicit discharge, and look at stormwater ordinances.

Mr. Adomite asked if there will be a municipal version of adoption when the County adopts it. Mr. Brandmeyer indicated it was more of an opt-out. If municipalities wanted to do their own thing they would opt-out, if not they would be a part of the adoption. It could be adopted by the end of 2016.

Mr. Brendel stated that if you are rewriting your zoning and subdivision code, a lot of times the stormwater ordinance is within that. It may be beneficial to separate the stormwater ordinance out of it. Mr. Brandmeyer stated it should be within the site development ordinance and it could lead to people implementing it more. Mr. Macho indicated that most stormwater ordinances are vague and do not provide much guidance and it should be simple to use.

Mr. Adomite indicated they have a stormwater ordinance but they are unsure on how to execute it and they are using Oates Associates to start to understand it. Mr. Adomite continued to discuss the issues with implementing the stormwater ordinance.

Mr. Trucano asked if there is a property within the floodplain that has flood damage and no flood insurance, and who should they go to for help. Mr. Brandmeyer indicated at this time there is no one that they can go to. Mr. Trucano if it is possible to look into options to help those without flood insurance to help the clean-up from the flood. Mrs. Glasper indicated about 10 houses within State Park Place were flooded and they are right by the creek. Mr. Brendel asked if it was possible to get the addresses of these houses for our records. Mr. Fancher indicated he is meeting with people regarding Canteen Creek and he may be able to get the addresses. MESD is looking into raising that area in order to prevent the flood damage. The structures are within 50 feet of the levee. Mr. Brandmeyer indicated that we are looking into buyout options with FEMA. Mr. Brandmeyer continued to discuss FEMA's buyout option of houses within the floodplain. Mr. Brandmeyer discussed looking into displacement issues with the buyout option of these houses. Mr. Trucano indicated that FEMA has done a buyout within State Park Place before.

**Adjournment:**

Rick Fancher made a motion to adjourn. Seconded by Dennis Weber. Voice Vote. All ayes. Motion approved. Meeting was adjourned at 10:30 AM.