



**MUD, CAMP, & SPRING CREEK WATERSHED MANAGEMENT AUTHORITY
REGULAR MEETING**

**CITY OF ALTOONA, IOWA
CITY HALL
407 EIGHTH STREET SE, ALTOONA, IOWA**

**January 11, 2017
1:30 PM**

Attendees:

WMA Members:

*Madeline Sturms – City of Pleasant Hill
Mark Arentsen – City of Bondurant
Karen Oppelt – City of Altoona
Vern Willey – City of Altoona
Robert Rice – Polk County
Skip Dunbar – City of Runnells
Cory Eshelman – City of Mitchellville*

Others:

*Amanda Brown
John Swanson
Kyle Riley
Sheila Navis
Jennifer Welch
Jonathan Gano
Teva Dawson
Doug Sheeley
Sue Ugolini
Pam Mollenhauer
Mark Land
Tyler Stubbs*

1. Welcome/Introductions – *Vern Willey, Chair 1:32pm*
2. Approval of Prior Meeting Minutes
 - a. *October 12, 2016 meeting minutes up for approval*
 - b. *Robert Rice 1st, Madeline Sturms 2nd*
 - c. *Minutes approved*

3. Election of Officers

Board voted on new members for the 2017 Executive Board. The 2017 Board is as follows:

Chair: Madeline Sturms-Pleasant Hill

Vice Chair: Robert Rice-Polk County

Secretary: Polk SWCD

Treasurer: City of Altoona

4. Implementation Update – *John Swanson/Polk SWCD*

John spoke about the Urban Water Quality Initiative Grant which was submitted in December. There were three applications that went in within the Mud/Camp/Spring WMA boundaries. Overall, 1 in 3 applications throughout the state were from one of the WMAs. Applicants who are moved on to the next round will be notified Friday, January 13th. Aspects of all applications followed the goals and strategies outlined in the MCS management plan.

John said that all cities within the Mud/Camp/Spring WMA except Mitchellville and Runnells have officially adopted the management plan through their councils. He will be working with the remaining cities within the coming months to adopt the plan. Jasper, Marion, and Polk Counties as well as Jasper and Marion SWCD also have not officially adopt the management plan.

Mark Land gave an update on having the Army Corps of Engineers do a hydrologic study along Spring Creek. Spring Creek was chosen over the other creeks due to its higher probability of being developed in the coming years. Mud and Camp creeks have also already had a similar study completed. Mark stated that it may be a possibility to have the Corps do projects in other areas of the watersheds. In order for the Corps to do the work, they need a local 50/50 match. The match can be in kind from the various jurisdictions. It cannot include construction costs or federal money. See attached funding table attached for more information. Madeline Sturms asked about the in kind match listed for the Survey Data Collection portion. Mark stated that this would cost the Corps more than it would cost us to do. The board decided it would be good to have a meeting with the Army Corps and the Executive Board and discuss the project further and decide how to move forward.

John mentioned that the Polk SWCD along with various partners are still working on putting together the monitoring effort for the region and will hopefully have an update next meeting.

5. **WQI Project Update – Amanda Brown/Polk SWCD**

Amanda updated the group on her work with Metro Waste Authority. She is working on creating a “demonstration farm” on their agriculture ground. She plans on working on surveying the areas within the coming months. Potential projects are a bioreactor, prairie STRIPS, and a wetland. Amanda also spoke about how the DNR will be running the Agricultural Conservation Planning Framework (ACPF) tool on the MCS watersheds. This tool lays out which conservation practices would work where within the agricultural areas of the watersheds.

6. **Regional Stormwater Policy Update – Teva Dawson/MPO**

Teva gave an overview of the Council of WMA meeting that was held in December. The potential policy changes were discussed during that meeting and it was decided that stormwater policy updates would be the focus of this first year. Teva explained that there are many different avenues that we could use to accomplish this.

a. **Code Consortium – Jonathan Gano/City of Des Moines**

Jonathan came to talk about one of the potential avenues that the WMAs could use to accomplish a metro wide stormwater policy update adoption. He discussed using the code consortium as this avenue. This group is led by Capitol Crossroads

and allows different departments within each jurisdiction to come together and draft unified codes and policies for the metro area. This year the divisions selected to participate are the public works and planning departments. The group takes suggestions for what policy/code they should focus on for the year. Jonathan said he would like to bring the idea of creating a unified stormwater policy template that all cities could adopt and make their own. Bob Rice made a motion that the WMA support recommending stormwater as the next code consortium mtopic for 2017. Vern Willey seconded; unanimously approved.

Teva spoke about how the Polk County Conservation Board is working on putting together their monitoring report for 2016 and should have it finished within the coming months. There was a statewide legislative event following the council meeting where action items for the legislative season were discussed. There will be another legislative meeting on February 7th in Dubuque, IA. There needs to be a representative from each WMA in attendance. Polk SWCD staff as well as a few members of the executive committee plan on attending. John will be giving a short update at the meeting on behalf of the MCS WMA. .

7. Greater Des Moines Water Trails Update – Teva Dawson/MPO

Teva stated that the water trails plan has been approved and will be moving forward on developing an implementation strategy.. There are some areas listed on Mud Creek within the plan.

8. Mud Creek Buyout – Robert Rice/Polk County

Bob said the county was successful in buying out a smaller property near Mud Creek south of Terrace Hills golf course. There is another larger property right next to this adjacent within the floodplain of Mud Creek. They are working on acquiring this land and plan on potentially turning it into a water quality classroom. Mark Land said they are working with Iowa Natural Heritage Foundation (INHF) who may assist with the acquisition.

9. Other Comments/Discussion

Tyler Stubbs from the DNR Urban Fisheries department introduced himself and gave a brief overview of his position. He would like to work with cities to enhance fish habitat and create a recreational resource. He is particularly interested in enhancing specs to make basins more fish friendly.

Pam Mollenhauer from the Iowa Hygienic lab expressed concern to Tyler about blue green algae within city ponds/basins. Tyler said he would also be working with this if it was a concern.

10. Next Meeting; April 12, 2017

Altoona city hall at 1:30pm

11. Adjourn

Vern Wiley 1st, Robert Rice 2nd, 2:37pm

Based on conversations with the Corps, the table below outlines a possible cost sharing agreement for Planning Assistance to States funding. This is a 50/50 match program. They have set up the project to include any projects in the Mud, Camp, or Spring Creek watersheds. It can't include construction dollars but only planning dollars. Based on the summary below, the MCSC WMA could potentially obtain hydrologic and hydraulic modeling of Spring Creek and build a Corps of Engineer relationship for no direct outlay of Cash to the Corps of Engineers.

Mud, Camp, and Spring Creek Watershed Planning	CORPS	SPONSOR In-Kind	SPONSOR Cash
I. Watershed Planning Efforts			
A. Polk SWCD Coordination (partial list noted below)		\$20,000	
1. City Council Outreach and Education			
2. Water Quality Project Planning			
3. Meetings with Landowners and Site Assessments			
B. Public Meeting	\$5,000	\$8,000	
C. City of Pleasant Hill Misc. Planning Items		\$5,000	
D. City of Altoona Spring Creek Park Planning Items		\$5,000	
E. Polk County Conservation Board Water Monitoring		\$5,000	
F. Metro Waste Authority Site Assessments and Public Education		\$5,000	
G. Iowa DNR – Agricultural Conservation Planning Framework		\$10,000	
II. Spring Creek Hydrologic and Hydraulic Modeling			
A. Spring Creek Stream Miles	10 miles		
1. Site Reconnaissance	\$5,000	\$2,500	
2. Survey Data Collection, Processing, and Field Crew Travel		\$32,000	
3. Existing and Future Condition Hydrologic Data Analysis	\$20,000		
4. Existing and Future Condition HEC-RAS Hydraulic Analysis	\$40,000		
B. Report Preparation			
1. Meetings and Coordination	\$5,000	\$5,000	
2. Study Coordination, Technical and Sponsor Review	\$10,000	\$8,000	
3. Technical Report and Mapping; and Sponsor Review	\$10,000	\$5,000	
4. Technical Supervision and Management	\$5,000	\$2,500	
C. Project Management			
1. Draft and Finalize Cost Share Agreement	\$5,000	\$2,000	
2. Budget, Cost Share Tracking, Review	\$5,000	\$2,500	
3. Project Close-out	\$5,000	\$1,500	
SUB-TOTALS	\$115,000	\$119,000	\$0
PRELIMINARY GRAND TOTAL ??? (\$---K Fed + \$---K Sponsor)			