

Draft Minutes
Upper Cedar Watershed Management Improvement Authority
August 28, 2013 Board Meeting 6:30 PM
Charles City Library, Charles City, IA

Chair Mark Kuhn called the meeting to order at 6:30 pm. Board members in attendance included Mark Kuhn, Erik Butler, Kip Ladage, Sherman Lundy, Rick Bodensteiner, Rick Holthaus, Joel Wikner, Tom Heidenworth, Roger Gigler, Charles Newman, Gerald Beaver, Stan Walk, Tim Zoll, Ken Abrams, Eric Jellum and Jim Erb. The complete attendance list is attached hereto and made a part hereof.

Introductions were made.

Upon motion by Lundy, seconded by Zoll, the agenda was approved. Minutes of the 5/29/13 board meeting were also approved.

IEDA Clawback and Phase II Planning Grant: Mark Kuhn detailed the award of \$187,333 received by the UCWMIA for a Phase II planning grant. State regulations require that Floyd County, the recipient on behalf of the UCWMIA, choose a COG or solicit proposals so an RFP was issued to procure services to develop a watershed plan. Two entities have expressed interest, including a joint proposal by MSA Professional Services and the Iowa Soybean Association. The original plan was to require RFP responses by 8/30/13, but the deadline was extended to 9/6/13, Selection will be made on 9/10/13. Sherm Lundy requested regular updates on the progress of the planning project, and said timeliness is key. Jim Erb suggested that farm organizations be involved in the planning process.

Iowa Flood Center Update: Larry Weber gave a Power Point presentation; the slides are attached hereto and made a part hereof. He offered to host a meeting to review the modeling process for the Pilot Project Implementation opportunity in the Beaver Creek. They suggest meeting in the afternoon before the next UCWMIA board meeting.

Iowa DNR Update: Mary Beth Stevenson said there are now 10 watershed management authorities, including the English River Watershed in southwest Iowa. The UCWMIA is looked to by others as a model. There were five applications for a recent grant opportunity for WMA planning funding; It is hoped that additional planning dollars will be made available in the future.

Member Watershed Updates:

For Black Hawk County, Sherm Lundy reported on Iowa's Nutrient Reduction Strategy, and said while the current approach is to encourage voluntary participation, they want to meet a 45% reduction in water-borne nutrients in five years. Both water quality and quantity are important.

For Butler County, Tom Heidenwirth reported a local interest in moving floodwater faster between Parkersburg and Hartford. Larry Weber said detailed modeling can benefit by demonstrating the value to society of restoring the natural process. Heidenwirth said it is "Dike vs. Dam."

Jim Erb reported that the Iowa/Cedar Interagency Coordination Team, involving the Army Corps of Engineers and others, is in the early stages of an integrated plan for the Iowa/Cedar Basin. They are looking at urban and rural interests. It is important to plan now; 50 years is too long.

Larry Weber from the Iowa Flood Center was asked about whether work done over the past five years helped to mitigate flooding impacts in 2013. Larry confirmed that there was much more information available this year to assist in responding to the flood. They relied on hesco barrier deployment. The total cost of deployment and teardown was \$5 million but this is a major improvement from the 2008 cost of \$2 billion. June is a meteorological peak in Iowa. Projections showed flooding at 1.8' above the spillway, but one storm was 15 miles west so they ended up being below the barrier height. The university is satisfied with the decision to deploy, and found the maps and modeling to be a good service to the community.

Kip Ladage from Bremer County reported on successful deployment of the inflatable dam in Waverly. They also used hesco barriers.

Public Comments: Wayne Fredericks from the Iowa Soybean Association addressed the Corn Growers question. The Iowa Soybean Association invests funding in top staff. They need to have a discussion, not be combative. Example is the Rock Creek Watershed.

The Iowa Flood Center was in Washington DC this summer, getting support from Iowa, Tennessee and the east coast. 42 states were affected by flooding and presidential disaster declaration. They may not want to discuss climate change, but precipitation is OK. There were parallel bills in the House and Senate

Mary Beth Stevenson said that the WIRB board deadline is 10/15/13, and once the UCWMIA has a plan in place it will be good to pursue funding for projects in the Upper Cedar Watershed.

The next meeting of the UCWMMIA will be 12/4/13 at 6 PM.

The meeting adjourned at 8:20 PM.

Respectfully Submitted,

Susan Judkins

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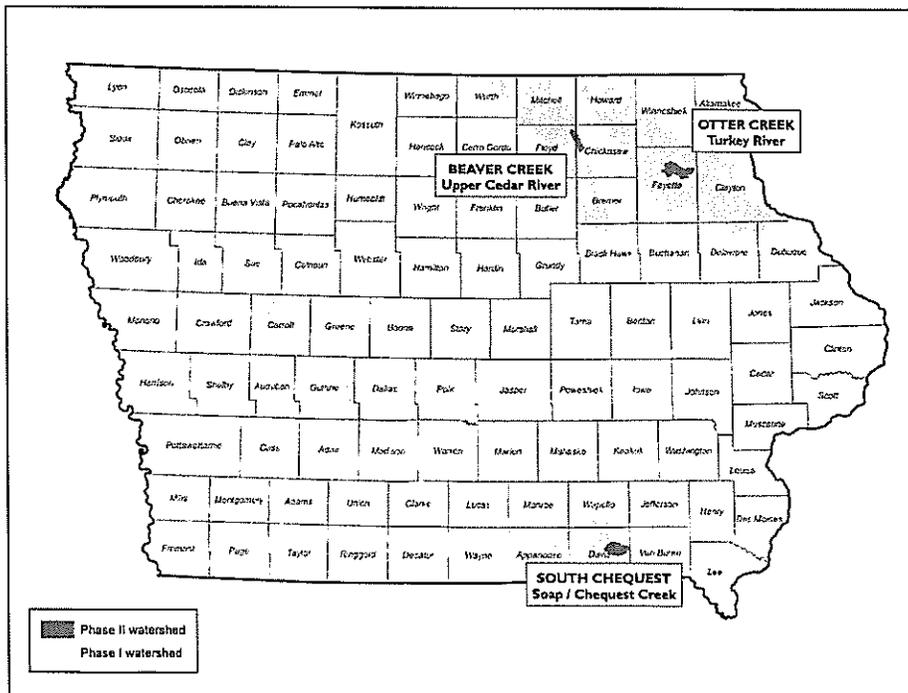
Iowa Watersheds Project

Upper Cedar River Watershed Management Improvement Authority

August 28, 2013

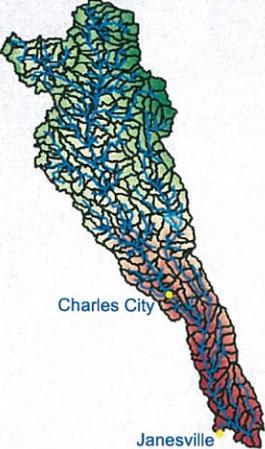
 THE UNIVERSITY OF IOWA
College of Engineering

 IWR
Hydroscience & Engineering



Phase I Update: Hydrologic Assessment

- Develop and run basin-scale hydrologic models
- Analyze results to understand and quantify watershed response to rainfall events
- Present results to Upper Cedar WMIA in early 2014



Charles City

Janesville

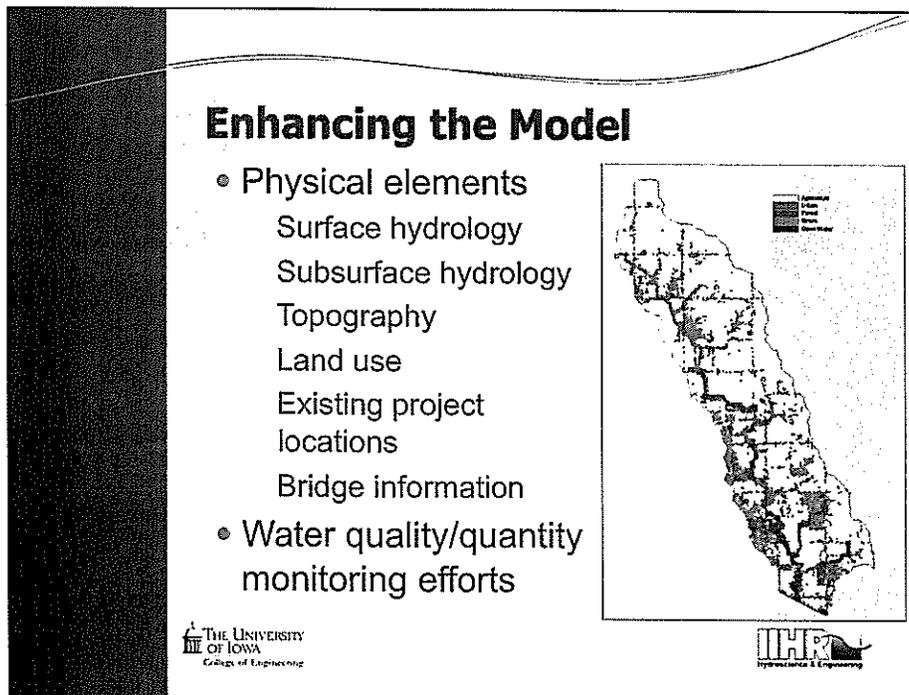
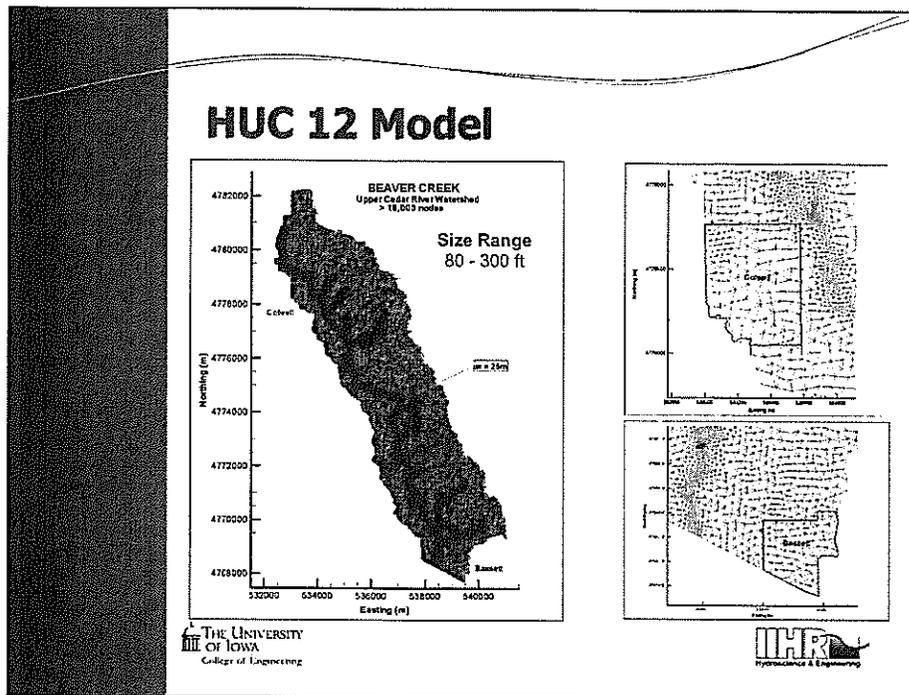



Phase II Update

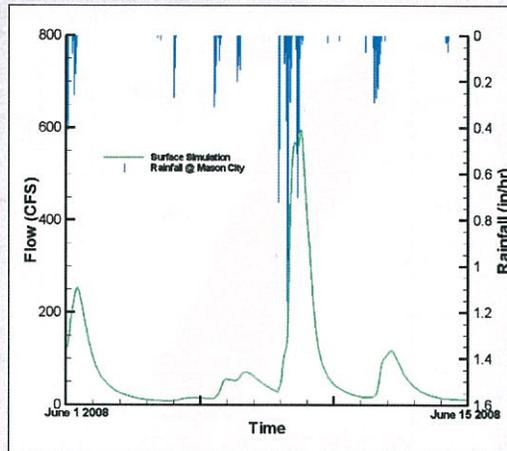
- Beaver Creek
- Selected by Upper Cedar WMIA in May 2013
- \$1.5 M for landowners to implement practices
- Construction in 2014
- Local and state partners





Initial Results



Real-time Monitoring

- Stream-stage sensors
 - Hwy 18 E of Bassett
 - Upstream locations
- Rain gauge & soil moisture platforms
 - Distributed in watershed
 - Precipitation
 - Soil moisture & temp
- Water quality station
 - 1 unit at outlet
 - Nitrate, pH, turbidity, temp, dissolved oxygen, specific conductance
- Data available on IFIS

