

Hinkson Creek
Collaborative Adaptive Management
Stakeholder Committee Meeting
November 1, 2012

ATTENDING: Diane Oerly, Frank Gordon, Shawn Grindstaff, Todd Houts, Jeanine Pagan, Joe Engeln, Karen Miller, Paul Land, Ben Londeree, Nathan Odle, Paul Mehrle, Hank Ottinger, Bill, Tom, Stan, Erin, John G., Larry Hubbard, Gary Ward

ABSENT: Don Stamper, Jonathan Sessions, Jay Turner

AGENDA: Shawn opened the meeting with Welcome and Introductions. The minutes were approved without corrections once a quorum was obtained.

COLLABORATIVE ADAPTIVE DELIBERATIONS (Shawn and Committee)

Updates from the Action and Science Teams as necessary for deliberation took place:

At Shawn's request, Tom Wellman gave an update on the city's proposed Forum Nature Area project. The proposal is to build a control structure in the southeast section of the area that would channel runoff eastward towards Forum Boulevard. At that point, a level spreader will be constructed that will direct runoff into the larger part of the nature area thus slowing down the runoff as well as polishing it before it enters Hinkson Creek. The engineering design will employ a one-year storm event. A control structure will allow the runoff from larger storm events to flow into the channel as it always has. Care will be taken to protect the parking lot from flooding during such events.

The time frame for the Forum project, Mr. Wellman noted, includes meetings with the Parks and Recreation Department, followed by interested party meetings, a recommendation to the City Council, a public hearing, and finally a vote. Final designs and council approval will, all tolled, be a six-month process. Cost estimates, including the level spreader, monitoring equipment, maintenance, and data retrieval are roughly \$80,000 spread over a five-year period. A ten-year figure is estimated at \$130,000.

Further work on Dr. Hubbard's project is already being done. Tree counting and repopulation can be done by volunteers.

With regard to the Twin Lakes plan, Mr. Wellman explained it will be reviewed in the future and will require buy-in from the city's Parks and Recreation Department.

Habitat Assessment Survey

This is a two part effort, the first part of which, a "basic analysis," is the most time critical and should be concluded by March 2013. Using existing GIS data as well as members of Commissioner Miller's staff, university staff, CARES, and MORAP, this

analysis has an estimated (high-end) cost of \$20,000. The results will help determine the second part, field work to be conducted in the summer of 2013. Dr. Jason Hubbard will take the lead on this, and we think students from the University of Missouri can perform much of the reconnaissance of the stream. Such a reconnaissance will provide valuable information on habitat, stream bed descriptions, and bank stabilization issues. The top end estimate for this part is \$60,000. A USGS Water Center Grant could offset one third of those costs, up to \$22,000 and is being pursued, although it was noted that the application's deadline is November 16. Diane Oerly has offered her assistance in this regard.

QUESTIONS:

What would be the work product in the second phase?

Field observations merged with GPS information will provide a set of profiles across the creek with perimeters about every fifty meters. This will serve as a basis for determining erosion problems, etc. It also forms the basis for any more detailed studies.

Is this just stream bed?

It is plant and stream bed. We would look at quality and type of plants is under water and how stable the rock bed is.

Commissioner Miller moved to endorse the concept of this plan and to have the Action Team return to the Stakeholder group with a budget and plan. The motion carried unanimously.

Next, Jennifer Daly and Larry Hubbard presented a slide show of photographs taken during a walk-through of parts of the Hinkson Creek that border or run through University property. Noted problems included bank erosion, incisions, outfalls, riprap, and scouring. Also noted were some projects that established vegetation in previously eroded areas.

The meeting adjourned at 4:50 p.m.