

## HINKSON CREEK WATERSHED RESTORATION PROJECT

BOONE COUNTY GOVERNMENT CENTER, ROOM 220  
801 E. WALNUT, COLUMBIA, MISSOURI  
(573) 886-4330

**Minutes**

**4:00 P.M.**

**Tuesday, August 25, 2009**

Present:

Ben Londeree  
Anne Peery  
Claire Baffaut  
Jeanine Pagan  
Nicki Brown

Ken Midkiff  
Tom Wellman  
Todd Houts  
Mariel Stephenson

Samuel McKee  
Jeff Barrow  
Bill Florea  
Georganne Bowman

The meeting was called to order at approximately 4:00 p.m.

Minutes from the August 4, 2009 meeting were approved.

### **REVIEW AND EDIT OUTCOME OF EXERCISE 1:**

The group discussed exercise 1 (What can be learned from the watershed's history) and edited the suggested combined responses. The result is as follows:

#### **Combined Responses to historical lessons learned in the watershed:**

- Watershed management is a complex issue that simultaneously involves local environmental ecology, macro- and micro- economics, and social/cultural concerns. For example, the current watershed condition is a result of historically increasing human population that demands efficient travel corridors, convenient and economical shopping opportunities, and convenient recreational and inexpensive water/sewer facilities.
- Historical use of the stream as an open sewer has had an effect on water quality.
- People's perception of the streams has been effected by water quality.
- Unchecked small local problems usually lead to larger scale problems down the road; e.g., faulty individual septic systems may contribute to a larger water quality problem throughout the watershed; a parking lot added to an upper portion of the watershed may impact flooding severity, duration, and frequency throughout the lower portions of the watershed.
- Proactive watershed management strategies may actually save money and environmental resources compared to a site-by-site reactive approach.
- Awareness and educational strategy are critical to the long-term improvement of the watershed. This is recognized by the fact that citizen attitudes and opinions about the watershed and the environment have changed, and may be affected in the future with targeted informational programs. It is important to recognize that people are an important component of the watershed system; they have been part of the problem and must be part of the solution.
- Solutions for improving the watershed will require a mixture of broad-scale system-wide and site-specific smaller-scale approaches. Broad scale approaches may include a community wide educational campaign ranging to small-scale efforts to repair/upgrade individual faulty septic systems. Other examples may range from broad-scale efforts to reduce agricultural soil erosion to small-scale enforcement of construction site regulations.

## REVIEW AND EDIT OUTCOME OF EXERCISE 2:

The group discussed exercise 2 (What is occurring in the watershed that needs immediate attention) and edited the suggested combined responses. Items were grouped under similar headings/categories which include the following: Hydrology/Flooding/Water Quality, Education/Information Needs, Enforcement of Current Regulations, Infrastructure, Development Issues, and Consistency with Other Planning Developments.

The result is as follows:

### Combined Responses to issues in need of immediate attention

#### Hydrology/Flooding/Water Quality

- Flooding, flashiness and sedimentation
- Updating floodplain maps
- Stream stabilization projects
- Water quality such as clarity and bacteria and E-coli

#### Education/Information Needs

- Increased environmental education to targeted populations
- Educational signage
- Develop educational curriculum
- Verify effectiveness of ordinances

#### Enforcement of Current Regulations

- Need a greater range of penalties and in some cases more severe penalties or more effective enforcement tools including civil penalties
- Escalating penalties for repeat violations
- Need proactive investigations and enforcement as well as increasing responsiveness to complaints
- Buffer zones enforced and investigated for adequacy and better definition
- Control construction site erosion effectively: repeated failures need to be redesigned
- Verify effectiveness of ordinances

#### Infrastructure

- Maintenance of existing stormwater systems
- Upgrade existing development (retrofit) for quality and quantity
- Inoperable/poorly functioning sanitary sewer systems
- Deal with inflow and infiltration (I&I)
- Upgrade existing stormwater infrastructure
- Identify and improve hot spots
- Address open channel problems
- Inspection of privately owned stormwater BMPs

#### Development Issues

- Master plan for the stormwater system based on future build-out projections

#### Consistency with Other Planning Documents

- Form a link with Columbia vision process/plan. Include/consult with stakeholders from that process

**Commented [BC1]:** Need to read vision report to determine relevant sections.

**WRAP UP AND ADJOURN**

The next meeting will be September 15, 2009 at 4:00 p.m. in Room 220 of the Boone County Government Building.

A public meeting will be held for the Hinkson Creek Team on September 22, 2009 at 7:00 p.m. in the Commission Chambers.

The meeting was adjourned at 6:15 P.M.