



Boone County Hinkson Creek

Adaptive Management Progress Report

CAM Stakeholder Committee 2014-2015

Committee Members:

Shawn Grindstaff, CAM Facilitator EPA

Members	Representing
Diane Oerly	Stream Teams
Jim Loveless	Columbia Development Council
Frank Gordon	Soil and Water Conservation
Jeanine Pagan	General Public
Joe Engeln	Missouri Department of Natural Resources
Gary Ward	University of Missouri
Karen M. Miller	Boone County Commission
Paul Land	Chamber of Commerce
Ben Londeree	Smart Growth Coalition
Nathan Odle	Large Scale Commercial Development
Paul Mehrle	General Public
Jay Turner	Agricultural Community
Hank Ottinger	Sierra Club
Barbara Hoppe	City of Columbia
Jonathan Sessions	Columbia School Board

Hinkson Creek Collaborative Adaptive Management Progress Report June 2015

Introduction: The Collaborative Adaptive Management (CAM) Stakeholders Group met seven times since the last report. What follows is a brief summary—with appropriate links to supporting materials—of the group’s activities.

I. Presentations and Reports.

Jason Hubbard, Professor of Forest Hydrology, University of Missouri—Columbia and Lynne Hooper, M.A., University of Missouri—Columbia Natural Resources: Preliminary Results of Habitat Assessment. March 27, 2014.

Hinkson CAM Stakeholder’s Report Presentation, Flat Branch Hinkson Creek Wetlands Pavilion. July 9, 2014.

Dave Michaelson, Missouri Department of Natural Resources. Sampling of Hinkson Creek. September 17, 2014.

http://helpthehinkson.org/documents/HinksonCk_Bioassessment_Year_2_Final_01.pdf

Jason Hubbard, Professor of Forest Hydrology, University of Missouri—Columbia and Lynne Hooper, M.A., University of Missouri—Columbia Natural Resources: Phase II Physical Habitat Assessment. February 3, 2015.

http://helpthehinkson.org/documents/CAMPHAFinalReport_03-01-2015.pdf

Lynn Milberg, Missouri Department of Natural Resources. E. coli and Hinkson Creek. February 3, 2015.

<http://helpthehinkson.org/documents/HinksonStakeholdersMeeting-posting.pptx>
<http://helpthehinkson.org/documents/Map.docx>

Erin Keys, PE., City of Columbia . Regarding ballot issue, Proposition 2 (Storm water upgrades), April 2, 2015.

II. Recommendations and Actions.

A. The Committee unanimously agreed to a motion stating that any project it considers must clearly and specifically relate to removing Hinkson Creek from its impaired status. Furthermore, every agenda must include discussion related to removing the creek from its impaired status. (November 2014).

B. Over 1800 trees planted by volunteers as part of ongoing Forum Nature Area Level Spreader project. (June 2014).

C. The GIS portion of Physical Habitat Assessment completed and posted on website. (June 2014).

D. The Department of Natural Resources has continued to conduct spring and fall assessments of invertebrates in Hinkson Creek as part of their contribution to the CAM process. These assessments will provide sufficient data to re-evaluate the status of Hinkson Creek, as determined by the four standard metrics of invertebrate populations, for the period of 2012 through 2015.

Several proposals were made to the group:

A proposal, Improving Understanding of Fish Community Relationships to Physical Habitat Conditions in Hinkson Creek (Amanda Rosenthal) was considered, but a decision was postponed until results from the Hubbart study on suspended sediment is completed. (November 2014)

A proposal to monitor the Forum Nature Area Level Spreader Project over a five-year period was unanimously approved. (November 2014).

A proposal from Jason Hubbart, Professor of Forest Hydrology, University of Missouri, to study the combined suspended sediment (Quantifying Stream Flow and Suspended Sediment Response to Urbanization) was unanimously approved. (April 2014).

Conclusion: The group is transitioning from information gathering and early action to evaluating more systemic changes. Results from the physical habitat assessment will be evaluated to determine if the lower Hinkson should have a different classification and evaluation method and therefore be de-listed. On-going studies and analyses combined with a renewed commitment and urgency on the part of the Stakeholders Committee bode well for significant progress in the coming months.