Hinkson Creek CAM Science Team
Notes of the December 11, 2013 meeting

Team Members Present: Bob Angelo, Paul Blanchard, Joe Engeln, John Holmes, Jason Hubbart, Dave Michaelson, Dan Obrecht, Barry Poulton

The notes from the previous meeting were approved.

The team received a briefing on the county's GIS viewer for the MoRAP data. Catherine Beatty asked for comments and received a number from science team members. Among the requests were additions of sewer lines, stormwater outfalls, Aeiral photos, DNR sampling sites and project sites. Jason Hubbart asked about future use and the team asked that time be set aside at our February meeting to discuss incorporating the Physical Habitat Assessment (PHA) data into this tool and invited the county GIS staff and action team members to be present for the discussion. Please send any additional suggestions to Catherine within the next three weeks. You may want to look at the link that Bob sent to everyone of the KS website for the WQ data for ideas.

The team then discussed potential future science projects to be proposed for funding. We divided the list into smaller projects that might be requested immediately and larger projects that would likely need to be incorporated into the local partners' future budget plans. For each, a 1-2 page summary should be prepared for discussion and sharing with the Action Team. Each should include a section explaining the work to be done, why the work is important to the Hinkson CAM process, the deliverable, major budget elements and a cost estimate that includes a "not to exceed" budget sum.

Immediate:
1. Analysis of existing suspended sediment loading data that have been collected by Jason and students. (Jason)
2. 1- day symposium in late fall or winter for the public to explain the science and what is known and being determined in the Hinkson Creek watershed and to promote discussion about future actions. Thought is to repeat this every other year or so. (Jason and Joe)
3. Analysis of Peak flow data including flows, duration, timing of main stem and tributaries. (Jason)

Next year's budget:
1. Bedload instruments, data collection and analysis (Jason)
2. Continuous data systems acquisition and data collection and analysis for key parameters
3. Targeted low flow data equipment purchase, data collection and analysis (Barry)

(Note: If anyone would like to take the lead on writing a summary for #2, please let us know.)

Also discussed were potential E. coli sampling, analysis of the remaining data collected by Jason and students.

The team discussed the outline of the calendar that Joe had prepared and generally liked it. They noted that some things may move a bit, but that the funding cycle items needed to be kept in mind. Joe noted that a meeting or two in the spring might be devoted to early results from the PHA and how those results might guide future decision-making.

Lynn noted that she had completed 25.6 % of the physical habitat sites, essentially the reach between I-70 and Forum Blvd.

Next meeting will be scheduled for the week of January 20th, if possible. Topics will be to review the proposed science projects and to look at them through the prism of our conceptual model. The goal would be to provide feedback to the authors and science team approval to move some of these to the Action Team for their consideration.