

Hinkson Creek
Collaborative Adaptive Management
Stakeholder Committee Meeting
November 18, 2014

Attending: Diane Oerly, Frank Gordon, Jeanine Pagan, Jim Loveless, Joe Engeln, Jonathan Sessions, Commissioner Karen Miller, Paul Land, Ben Londeree, Jay Turner, Hank Ottinger, Gary Ward, EPA Facilitator Shawn Grindstaff

Absent: Councilwoman Barbara Hoppe and Nathan Odle

Action Team members and staff Erin Keys, Steve Hunt, Tom Wellman.

The minutes from the last meeting were tabled until the next meeting.

Shawn said he wanted to initiate an overview of the year and next year's goals. He let everyone know that our efforts are being recognized at the Federal and State level. Director Sara Parker- Pauley and EPA Region 7 Administrator shared the CAM process, our procedures and progress at the National Meeting with all the other DNR Directors. They touted all the diverse ideas are at the table and how successful it has been in just helping the Community understand where we are going. Joe Engeln believes it is being viewed by a lot of communities as a very interesting concept that may or may not adapt well for their use, but has elements that are very necessary.

Gary Ward proposed that on all future agendas one item needs to be, "How do we get off the 303D list?" That question should be talked about every time we get together because we have been doing this for two and a half years now and do not have an answer. We need help from the Science Team and the Action Team with a reporting of how we are doing. He proposed that we only entertain projects being done strictly for improvement and not just a new study.

Joe suggested there were any number of ways to get off the list. The way we would like to get off the list is by looking at the data, and at the proof it indicates. There are other options: we can find out what the pollutant is and focus on that pollutant. We have options every two years. Every two years that the State Department does its annual State of the Watershed List. It's the quality of every water shed in the state and so we just went through that 2014 the next time will be 2016, 2018. That is how we get off the list, through data we show that we have met the attainment criteria.

SCIENCE AND ACTION TEAM REPORTS:

Fish Study proposal- The partners met and agreed to postpone this proposal for study at a later date following the results of the Hubbart study.

Joe reiterated our former discussion when we first talked about conceptual knowledge we talked about two different sets of questions. One was the physical habitat we are currently studying; the other is the potential chemical pollutants. The Science Team looked at the habitat first and believes it is more likely to be related to that. Two, that there are some things we can do working with the GIS layers and now with the results of the physical habitat assessment. It can give us answers in terms of what we need to look at more specifically. The chemical data that DNR collects, Dave Michaelson reported on at the previous meeting. They don't look that bad, chloride (which is down) is one of the things we are still looking at between that data and the data Dr. Hubbard has collected. The Science Team wants to do something with the chloride and a couple of other things in relation to the long term chemistry. Looking at the habitat data collected, we think we can make major gains on that knowledge very quickly.

The question was asked if the correct measuring stick is being used. Joe explained we are measured by the reference streams. The department is considering whether the biological measures are appropriate for the lower Hinkson Creek given conditions before the dams were put in and the impacts on this and many others tributaries to the Missouri.

MOTION: Gary Ward, made the motion to include on our agenda every time we meet as a group discussion about how we get off the list and stay off the list; and any project we consider has to have correlation to that effort. Hank Ottinger seconded the motion and the motion passed unanimously.

However, the discussion ensued about the CAM process staying in place needs to be further teased out. Bacteria are a known pollutant: do we want to address that with the CAM process. Joe suggested the city, county, and university principles meet and see if we want to take on this issue with the CAM process. We will add this to the agenda for discussion at the January meeting.

Action Team recommendation: Tom Wellman proposed that the Forum Level Spreader project be monitored over a five year period. The cost is estimated at \$62,500 and is expected to be funded by all three principle entities. This proposal would measure three different points: 1-what water goes through; 2-what goes around; and 3-how much infiltrates into groundwater. To date, about 1000 trees have been planted to help absorb runoff. This builds on the research that Jason Hubbard has completed. When we allow trees to come back it will help determine if there is value in this process and replicate it in other areas.

MOTION: Ben Londeree moved to recommend to the principles that the Forum Nature Area Level Spreader monitoring project be supported, motion seconded by Joe Engeln. The motion carried unanimously. **INSERT Link to proposal**

The agenda for the January meeting will address three items: –1-how to get off the 303D List; 2- Jason Hubbard's Physical Habitat Assessment data update; and 3-a discussion about bacteria with Lynn Milborg. Next meeting we should plan to use the full 90 minutes. From this point forward meetings will occur every two months.

The meeting adjourned at 4:55 p.m..