

Hinkson Creek  
Collaborative Adaptive Management  
Stakeholder Committee  
February 3, 2021 4:00 PM – 5:30 PM  
Boone County Government Center, Room 301, 801 E Walnut, Columbia

Online/Phone: EPA Facilitator Monica Espinosa, Jeanine Pagan, Dee Dokken, Diane Oerly, Tim Rielly, Todd Houts, Commissioner Justin Aldred, Councilman Karl Skala, Tom Trabue

Absent: Nathan Odle, Della Streaty-Wilhoit, Paul Mehrle, Jay Turner

Online/Phone Guests: Nicki Fuemmeler, Lynne Hooper, Michele Woolbright, Erin Keys, Jon White, Dave Michaelson, Cody Luebbering, Alba Argerich, Catherine Wooster-Brown

**1. Welcome to Process, Participants and Introductions**

Introduction of Stakeholders and guests

Acknowledgement of Mark Farnen's death.

**2. Approval of previous meeting minutes**

An Oerly/Skala motion to approve the June 17, 2020 meeting minutes was made and passed unanimously.

**3. Missouri Department of Natural Resources Updates**

Tim Rielly reported that there will be a Water Protection Forum meeting on February 10, 2021.

**4. Science Team Updates**

The Macroinvertebrate Study is finished. Tim Rielly gave an overview of the study and report. The study showed multiple stressors, including a high indication of chlorides, are still the cause of the impairment to Hinkson Creek. Cody Luebbering, Geosyntec, concluded that the report recommendations and summary segue into additional monitoring and further confirmation of the stressors identified, along with future planning and mitigation efforts in the watershed. A presentation on the study will be made at the All-Team Meeting.

Dr. Argerich provided an update on her synoptic sampling efforts. Students are collecting samples along Hinkson Creek and evaluating water chemistry under different hydrologic conditions. Dr. Argerich is monitoring 30 sites along mainstem Hinkson and 10 sites along the tributaries. They are analyzing for chlorides, nitrogen and phosphorus, and fine sediments. Nine samples have been taken. Collection will continue for the next year-and-a-half. Once the project is complete Dr. Argerich will compile the data and create a model to show where stressors are present.

The USGS Comprehensive Chemical Sampling is on hold pending funding. The City, County, and MU are hopeful to fund this in 2022.

The LiDAR Analysis Hinkson Creek stream reach proof-of-concept was completed by the Boone County GIS department. Lynne Hooper sent the results of the analysis to Dr. Robb Jacobson, USGS, CAM Science Team, for feedback. The Science Team is deciding whether to continue with a full-blown LiDAR analysis. Lynne will provide an update at the next Stakeholder meeting.

Tim Rielly shared that Dr. Shawn Zeiger, Lincoln University, will be reinstalling gauging stations along Hinkson Creek. He is installing temperature and level loggers to measure stage. This will be continuous data. Dr. Zeiger is also talking about collecting grab samples.

## **5. Action Team Updates**

Nicki Fuemmeler provided information for the upcoming All Team Meeting. The Action Team is proposing a webinar series. The series would include four topics: Macroinvertebrate Study, Science Strategy, Dr. Argerich's Synoptic Sampling, USGS Comprehensive Sampling and Forum Nature Area Monitoring Report, and Chlorides. Nicki will send an email to the Stakeholders detailing the topics and will send out a poll for date/time. Councilman Skala recommended a press release be issued.

There are several open Stakeholder positions that need to be filled. The Action Team has provided a list of candidates to the County Commission, City Manager, and MU. Erin provided an overview of how the initial Stakeholders were chosen, which is how the Action Team intends to fill the three open seats.

Erin Keys provided a summary of the El Chaparral Annual Report.

## **6. Riparian Subcommittee Updates**

Lynne Hooper provided an update on the RCPP project. Due to the COVID-19 pandemic, the proposal and potential conservation easement landowner contacts were delayed. The subcommittee is still planning to put together an RCPP proposal. Lynne will provide an update at the next Stakeholder meeting.

Lynne spoke with Kori Thompson, City of Columbia, and the subcommittee is planning to resume meeting in March, but depending on vaccination schedules, it could be May.

## **7. New Business**

Monica Espinosa introduced Commissioner Justin Aldred, who took Fred Parry's place.

Lynne Hooper stated that Boone County will be submitting a 319-grant proposal to update the Hinkson Creek Watershed Plan to comply with EPA's nine element plan requirements. This will allow the City, County, and MU to pursue section 319 grant funding for stormwater projects within the watershed. Lynne will provide an update at the next Stakeholder meeting.

Monica mentioned there will be EPA grant opportunities available in the coming months.

Nicki Fuemmeler sent the Stakeholder Committee an outline for the 2020 Annual Report. Monica and Nicki asked for a call to action for Stakeholder's to write the report. Monica would like the report to be submitted by this spring/summer. Tim Rielly offered to write the Science Team portion. Karl Skala is willing to provide City perspectives.

**8. Old Business**

The 2019 Annual Report was discussed and a Trabue/Houts motion to approve with corrections was made. Motion passed unanimously.

A virtual screening of "Kiss the Ground" was shown on January 28, 2021, along with a virtual panel discussion. The panel discussion will be on YouTube soon.

**9. Collaborative Adaptive Management Committee Discussion of Next Steps**

Karl Skala and Tim Rielly will help Nicki Fuemmeler with the 2020 Annual Report, follow-up on filling the vacancies, Nicki will send out a poll for the All-Team meeting.

**10. Adjournment**

A Houts/Aldred motion to adjourn passed unanimously.

Respectfully submitted,

Nicki Rinehart