
Hinkson Science Team Meeting Minutes

A meeting of the Hinkson Creek Science Team was held at the Allstate Consultants' Conference Room (3312 Lemone Industrial Blvd, Columbia, MO 65201) on October 1, 2019, from 3PM to 4:30 PM.

Science Team Members

Name	Organization	Present/Absent for Meeting
Catherine Wooster-Brown	U.S. Environmental Protection Agency	Present (phone)
Paul Blanchard	Missouri Department of Conservation	Absent
Robert Voss	Missouri Department of Natural Resources	Present
John Holmes	Allstate Consultants	Present
Robb Jacobson	U.S. Geological Survey	Absent
Dave Michaelson	Missouri Department of Natural Resources	Absent
Dan Obrecht	University of Missouri	Present
Enos Inniss	University of Missouri	Absent
Barry Poulton	U.S. Geological Survey	Present

Other People in Attendance: Lynne Hooper, Nicki Fuemmeler, Michele Woolbright, Tim Rielly, Bill Florea, Jon White.

Minutes

The minutes from the September 3, 2019, meeting were not approved, due to a lack of members. Minutes from the September and October meetings will be approved at the November meeting.

No votes were held.

Discussion Items

- Alba Argerich (University of Missouri) presented “Preliminary Results of Hinkson Creek Synoptic Samplings.”
 - The Action and Stakeholder Teams recommended continuation of the Hinkson Creek synoptic sampling for two additional years.
- Dave Alvarez (USGS-CERC) presented “Contaminants Associated with Urban Environments – Considerations for Hinkson Creek.”

- Lynne Hooper requested assistance from the Science Team for study design and to refine the chemical analysis list in Dr. Alvarez's proposal.
 - i. The team discussed the proposal and what type of information the study will provide. The science team will draft a recommendation of the study and vote to recommend the study to the Action and Stakeholder teams at the November Science team meeting.

3. Other Topics and Next Steps

- Questions from September meeting:
 - i. There are several streams on the 303(d) list for chloride. What data were used to make the listing?
 - Different organizations collected the data under different hydrologic conditions. There are two criteria in Missouri's Water Quality Standards for chloride: Chronic = 230 mg/L over a 96 hour period under stable hydrologic conditions; Acute = 860 mg/L hydrologic conditions are not considered. Exceedance of the chloride criteria is considered a toxicity event, no more than one toxicity event in the last three years of available data is allowed. More than one event in the last three years of available data constitutes and impairment listing.
 - ii. How much would it cost for MDNR to collect macroinvertebrate samples (spring and fall) at five Hinkson Creek stations to complement Dr. Alvarez's proposed study?
 - ~\$42,000
 - iii. Michele Woolbright brought in historic pictures of Hinkson Creek to share with the group. Michelle will bring them back for the next few meetings.

4. Next Meeting

The next meeting for the Science Team is currently scheduled from 3 pm to 5pm on November 5, 2019 at the Allstate Consultants' Conference Room (3312 Lemone Industrial Blvd, Columbia, MO 65201).