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# Hinkson Science Team Meeting Minutes

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A meeting of the Hinkson Creek Science Team was held at the Allstate Consultants' Conference Room (3312 Lemone Industrial Blvd, Columbia, MO 65201) on December 4, 2018 from 3PM to 5PM.

## Science Team Members

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

## Other People in Attendance:

Nicki Fuemmeler, Lynne Hooper, Michele Woolbright, Bill Florea, Joe Engeln, Laura Wiseman, Tim Rielly, Tom Wellman, Ted Heusler, David Carani

## Minutes

The minutes from the November 6, 2018 meeting were approved.

No votes were held.

## Discussion Items

### 1. Invertebrate Proposal Update

- The Request for Statement of Qualification (RSQ) has been drafted and is ready to go. The agreement has been approved by Boone County. The University and County Commission have not yet approved it. Once the University and County Commission approve the agreement, then it will go to the City Council for their approval. Once approved it will be published in the Columbia Tribune and emailed to known potential vendors. Will be open for 60 days to try to get a large list of applicants.

## 2. Science Team Tour

- Overview of area toured with aerial imagery. John Holmes displayed the differences between 2009 and 2015 LIDAR data. Reviewed (Hydrologic Engineering Center – River Analysis System) HEC-RAS model data. John Holmes provided updated station information to Lynne for sediment survey comparison.

## 3. Update from Joe Engeln

- The Water Center within the University is discussing the idea of using Hinkson Creek as a “teaching/training laboratory” An equipment grant is available that can be used for student education and equipment, up to 500K. Grants need 50% match.
  - i. Can a student, an undergrad compare HEC with sediment data and habitat data?
  - ii. Write up project ideas that may be helpful short term undergrad projects.
  - iii. Would stakeholders be willing to fund some of these projects?
  - iv. Joe Engeln will follow up with an update on the grants and the Water Center at the next meeting.

## 4. BMPs

- The Action Team will provide a list of BMPs that have been completed in the Hinkson Creek watershed, along with an explanation of what facet of water quality they were designed to improve (e.g. temperature, chemical, hydrology, sediment).
- The City of Columbia will send out a map of BMPs that have been completed thus far.

## 5. Next steps:

- Make field trips a more common occurrence. Seek out spots on Hinkson Creek where there are known or perceived problems to get a ground-level view of what is happening;
- Bring more U. of Missouri faculty members to Science Team meetings, especially in light of efforts to reinvigorate the Water Center and discussions to make Hinkson Creek into a “laboratory” for undergraduate student research;
- Invite Joe Engeln to the next meeting so he can expand on future plans for the University’s Water Center.
- Discuss D.O. project with Dr. Argerich. Dan will ask if she can come to the next meeting

## 6. Next Meeting

The next meeting for the Science Team is set to be held from 3 pm to 5 pm on ~~January 8, 2019~~ (meeting cancelled) February 5, 2019 at the Allstate Consultants' Conference Room (3312 Lemone Industrial Blvd, Columbia, MO 65201)