
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 December 3, 2019, from 3:00 PM to 5:00 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	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, Michele Woolbright, Tom Wellman, Ted Haeussler, Jon White, Greg Edington, Cody Luebbering, Lynne Hooper, Pete Millier

Minutes

The minutes for September 3, 2019, and October 1, 2019, and November 5, 2019 were approved.

Discussion Items

- Chloride Discussion
 - Pete Millier from the University of Missouri – Columbia and Greg Edington from Boone County talked about the different de-icing strategies including the use of chlorides (sodium, magnesium, potassium etc.) and sand. Application rates for pretreatment and treatment were discussed. The university uses drop spreaders in pedestrian areas.
 - Discussion of potential sites for experimental design for different treatment strategies such as brining.
- Update on the invertebrate analysis project
 - Cody Luebbering from Geosyntec gave an update on the Invertebrate analysis project

- Data from 2001-2017 on Land Use/Land Cover, aquatic macroinvertebrate, water chemistry, and flow.
- An index of hydrologic alteration was looked at but determined to not be applicable to the Hinkson Creek watershed.
- Of 43 different metrics looked at, 38 show seasonal variation
- 18 of the 43 show a longitudinal pattern
- Out of 2200 trend analyses, 156 showed statistically significant trends

3. Next Meeting

The next meeting for the Science Team is currently scheduled from 3 pm to 5pm on January 7, 2020, at the Allstate Consultants' Conference Room (3312 Lemone Industrial Blvd, Columbia, MO 65201).