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# Hinkson Science Team Meeting Minutes

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A meeting of the Hinkson Creek Science Team was held on February 2, 2021, from 3:00 PM to 5:00 PM via webex call.

## Science Team Members

Name	Organization	Present/Absent for Meeting
Catherine Wooster-Brown	U.S. Environmental Protection Agency	Present
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	Absent
Dave Michaelson	Missouri Department of Natural Resources	Present
Dan Obrecht	University of Missouri	Present
Enos Inniss	University of Missouri	Absent
Barry Poulton	U.S. Geological Survey	Present

**Other People in Attendance:** Tim Rielly, Lynne Hooper, Cody Luebbering, Sean Zeiger, Alba Argerich, Jon White, Ted Haeussler, Joe Engeln

## Minutes

The minutes for January 5, 2021 were approved.

## Discussion Items

1. Sean Zeiger, with Lincoln University, discussed his tentative plans for data loggers for stage and water temperature on Hinkson Creek. Near future – purchase YSI meter for chloride, pH, DO, & conductivity.
  - Sean hopes to start getting things up and running at initial sites by March, goal is to set up monitoring equipment at Jason Hubbard’s former sites
  - Will be collecting temperature and stage data
  - Goal is collect data for developing models, but also looking at monitoring changes in water quality associated with watershed level management
  - Sean will also be using a YSI to collect data during storm events
  - Future efforts could include adding velocity/stream flow data, deployment of passive samplers, and sample collection for carbon, nitrogen and phosphorus analyses

2. Geosyntec will finalize Macroinvertebrate Report and post to HelptheHinkson.org
3. Lynne H. is working on a watershed plan for the Hinkson, which once approved by MODNR and EPA will open the door for 319 funds.
4. Discussed Science Team updates for Stakeholders Team meeting on February 3, 2021.
5. Discussed Science Team statement on chlorides in Hinkson Creek. Chlorides continue to be a contributing factor to poor macroinvertebrate community in Hinkson Creek.
6. Interest in 6PPD-quinone, an oxidation product of an additive intended to prevent damage to tire rubber from ozone, and if it has been measured in Hinkson Creek. 6PPD-quinone is correlated with acute toxicity of salmon.
7. Robert V. brought up the Lake Ashland Development, which won't impact the Hinkson, but may be a concern for water quality in Turkey and Bass creeks. Robert would like folks to pass on any info that they come across concerning the development.

## **Next Meeting**

The next meeting for the Science Team is currently scheduled from 3 pm to 5pm on March 2, 2021, via webex call.