
Hinkson Science Team Meeting Minutes

A meeting of the Hinkson Creek Science Team was held on February 1, 2022, from 3:00 PM to 5:00 PM via webex call.

Science Team Members

Name	Organization	Area of Interest or Role	Present/Absent for Meeting
Venessa Madden	U.S. Environmental Protection Agency	Water Chemistry/Water Quality	Present
Paul Blanchard	Missouri Department of Conservation	Hydrology/ Water Quality	Present
Robert Voss	Missouri Department of Natural Resources	Water Chemistry/Water Quality/CWA Section 303d	Present
John Holmes	Allstate Consultants	Civil/Environmental/Water Resources Engineer	Absent
Robb Jacobson	U.S. Geological Survey	Fluvial Geomorphology/ Hydrology	Present
Dave Michaelson	Missouri Department of Natural Resources	Aquatic Macroinvertebrate Biologist/ Water Quality	Present
Vacant	N/A	N/A	N/A
Vacant	N/A	N/A	N/A
Vacant	N/A	N/A	N/A

Other People in Attendance: Lynne Hooper, Michele Woolbright, Nicki Fuemmeler, Jon White, Cody Luebbering, Amanda Reed, Alba Agerich, Ted Haeussler

Minutes

The minutes for January 4, 2022 were approved. No meeting was held in December.

Discussion Items

1. MU Synoptic Sampling Update
 - o Objective is spatial and temporal variability
 - o Sampling will be completed by Winter of 2022
 - o 30 sites on main stem starting at the headwater and 10 sites on tributaries
 - o Sample during range of flow conditions (0.3 -216 cfs)
 - o TN, NO₃, NH₄, TP, SRP TSS, DOC, Cl, and Conductivity

- Overview of observed concentrations
 - Meredith Branch elevated in TSS and TP
 - Flat Branch is contributing higher levels of chloride
 - Analysis ongoing with land use, flow, precipitation, and temperature
 - Hope to have the study finished by the end of summer 2022
2. Science Team Member Discussion
- Dan Obrecht, Enoss Eniss, and Barry Poulton have left the Science Team. The team needs to look at inviting new members.
 - John Holmes is compiling a list of candidates and sent it to the current team members
 - Robert Voss drafted a statement of duties and ground rules, will email out to the group for review
 - New team member nominations will be agreed upon by the team
 - Unanimous agreement to extend invitation for Chris Schmidt to join the Science Team
3. Other Business
- LiDAR – Boone County provided LiDAR files to Robb Jacobson
 - Robb Jacobson will work on the LiDAR data; parsing out where the differences occurred. Hope to create a longitudinal plot of changes.
 - Ran into data artifacts

Next Meeting

The next meeting for the Science Team is currently scheduled from 3 pm to 5pm on February 1, 2022, via webex call.