
Hinkson Science Team Meeting Minutes

A meeting of the Hinkson Creek Science Team was held on April 5, 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	Absent
Robert Voss	Missouri Department of Natural Resources	Water Chemistry/Water Quality/CWA Section 303d	Present
John Holmes	Allstate Consultants	Civil/Environmental/Water Resources Engineer	Present
Robb Jacobson	U.S. Geological Survey	Fluvial Geomorphology/ Hydrology	Present
Dave Michaelson	Missouri Department of Natural Resources	Aquatic Macroinvertebrate Biologist/ Water Quality	Present
Chris Schmitt	Retired/Emeritus U.S. Geological Survey	Aquatic Toxicology	Present
Vacant	N/A	N/A	N/A
Vacant	N/A	N/A	N/A

Other People in Attendance: John White, Nicki Rhinehart, Lynne Hooper, Ted Haeussler, Michele Woolbright

Minutes

The minutes for March 1, 2022 were approved.

Discussion Items

1. Discussion of Ca, Mg, Cl, Fe, and S in recent stormwater samples from Hinkson Creek
 - o W shaped longitudinal concentrations of sulfur
 - o See if Sean Z. is available discuss the results at a future meeting
2. Sulfate discussion; sources in Hinkson watershed – coal mining, landfills, ag fertilizers?
 - o Effects on invertebrates

- Cedar Creek is a studied watershed close in proximity that is affected by coal mine draining, particularly sulfate
- 3. Discussion of article on calcium mitigation of chloride toxicity
- 4. Other Business
 - Chloride workgroup update from Michele
 - Still working on gathering the right people
 - Proposal for conductivity sensor deployment – Lynne Hooper
 - Boone County/USGS monitoring update
 - First sampling potentially spring of 2022
 - Lidar analysis continues

Next Meeting

The next meeting for the Science Team is currently scheduled from 3 pm to 5pm on May 3, 2022, via web interface call.