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# Hinkson Science Team Meeting Minutes

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A meeting of the Hinkson Creek Science Team was held on January 3, 2023, 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	Absent
Paul Blanchard	Retired	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
Sean Zeiger	Lincoln University	Hydrology and Watershed Modeling	Present
Alba Argerich	University of Missouri Columbia	Water Quality/Stream Ecology	Absent

**Other People in Attendance:** Lynne Hooper, Michele Woolbright, Ted Haeussler, Amanda Reed, Cody Luebbering, Nicki Rinehart, Jon White

## Minutes

The minutes for November 1, 2022 were approved. The December meeting was cancelled.

## Discussion Items

1. Chloride Task Force Update
  - Michele Woolbright provided an update.
  - Mission Statement:

- *“The Chloride Taskforce will be successful if the team develops an interdisciplinary understanding of the actions and motivations driving the use of chloride-based deicers in the watershed and the resulting impacts of chloride on water quality, infrastructure, ecosystem, and human safety. The goal of the Task Force is to supple a path forward to expand community members’ understanding of chloride impacts, and best management practices appliers can adopt.”*
- Task Force discussed:
  - Deicer Application
  - Road Crew Practices
  - Contracts
  - Snow pile placement
  - Clean –up post precipitation event
  - Chloride’s impact on streams
  - Historical Hinkson Creek impairments and chloride data
  - Chloride criteria
  - Deicer application impact on streams
  - Liability and Insurance (Slips tips, falls, building design, rates, responsibility, etc.)
  - Next Steps (priority list, research, etc.)
- Members:
  - Pete Miller, Georganne Bowman, Greg Edington, Richard Stone, Doug Coley, Rusty Strodman, Tom Boland, Stacy Salter, Cody Luebbering, Alba Argerich, Jessica Scholz, Mark Woodward, Hannah Wichern, Tom Trabue
- 2. Current Status of USGS monitoring
  - Collected spring and fall samples. Starting analyses, expecting preliminary results in Spring of 2023.
- 3. Biological Condition Gradient tool update
  - Dave M gave an overview. EPA/Tetrattech is developing an R tool/model for macroinvertebrate and fish communities in the central plains.
- 4. Open/next topics
  - Update on Bank stabilization project? – Tom Wellman?
  - Priorities spreadsheet – update numbers

### **Next Meeting**

The next meeting for the Science Team is scheduled from 3 pm to 5pm on February 7, 2023, via web interface call.