
Hinkson Science Team Meeting Minutes

A meeting of the Hinkson Creek Science Team was held on October 5, 2021, 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
Catherine Wooster-Brown	U.S. Environmental Protection Agency	Water Chemistry/Water Quality	Absent
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	Absent
Dave Michaelson	Missouri Department of Natural Resources	Aquatic Macroinvertebrate Biologist/ Water Quality	Present
Dan Obrecht	University of Missouri	Water Chemistry/Water Quality	Present
VACANT	N/A		N/A
Barry Poulton	U.S. Geological Survey	Aquatic Macroinvertebrate Biologist/ Water Quality	Present

Other People in Attendance: Tim Rielly, Lynne Hooper, Tom Wellman, Sherri Stoner, Kirsten Schafer, Charlene Fitch, MacKenzie Kleinmann, Nicole Schumaker, Michele Woolbright, Cody Luebbering, Jon White

Minutes

The minutes for September 7, 2021 were approved.

Discussion Items

1. Potential Columbia Landfill expansion presentation
 - o Nicole Schumaker (DNR - ERP), Kirsten Schafer (DNR - MGS), MacKenzie Kleinman (DNR-ERP) gave an overview of landfill requirements and the proposed Columbia landfill expansion

- MGS examines strata, upper aquifer, hydrologic conductivity
- Groundwater monitoring to establish background through 8 quarterly samples
 - Continued monitoring occurs to detect contamination
 - Semiannual sampling March-May and September-November
 - Follow EPA unified guidance; must submit sampling plan to DNR before sampling
 - Concentrations that exceed background, required to do due confirmation sampling, if next event still exceeds, must prove contamination did not come from the landfill
 - Assessment monitoring occurs
 - Corrective action plan to resolve contamination
 - No Exceedances in May 2021 Columbia Landfill sampling
 - Groundwater monitoring continues for 30 years after closure
- Coal strip pits will be drained, they are not believed to be hydrologically connected to the groundwater at the proposed site.
- 2. Joint Action Team and Science Team meeting
 - Tentatively scheduled for November 19th @ 9 AM to discuss BMP locations and types, monitoring approaches, and Science Team member replacement.
 - Will be held in the MU General Services Building located at 900 E. Stadium Blvd. Room 194B
- 3. Continued Discussion on Monitoring approaches
 - Organize active and proposed monitoring
 - Update and adapt chloride statement into monitoring plan
- 4. Other business
 - Discussion on stream stabilization project near Boulder Drive. The City of Columbia wants to move forward with the project within 2-3 years.
 - Future Agenda Topics
 - Invite Adam White from the City of Columbia to talk or discuss the City's landfill and expansion plans.
 - Lidar Analysis – Lynn and Robb Jacobson
 - Chloride statement
 - Invite Sean Zeiger to discuss his monitoring plans again.

Next Meeting

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