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# Hinkson Science Team Meeting Minutes

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A meeting of the Hinkson Creek Science Team occurred on May 6, 2025, starting at 3:00 PM via Microsoft Teams call.

## Science Team Members

Name	Organization	Area of Interest or Role	Present/Absent for Meeting
Dane Boring	U.S. Environmental Protection Agency	Water Chemistry/Water Quality	Present
Paul Blanchard	Retired	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	Present
Robb Jacobson	University of Missouri Columbia, Adjunct Professor	Potamologist	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	VACANT	Modeling/BMP related?	VACANT
Alba Argerich	University of Missouri Columbia	Water Quality/Stream Ecology	Present

**Other People in Attendance:** Michele Woolbright, Lynne Hooper, Ted Haeussler, Josh Horne, Nicki Rineheart

## Minutes

The minutes for April 2025 were approved with minor edits, no meeting was held in February or March.

## Discussion Items

1. Hinkson Sonde Data Review – Josh Horne, Geosyntec
  - a. Josh provided an overview of the ongoing sampling and sonde data being collected in Hinkson Creek and tributaries (11 stations in total).
  - b. Josh provided water year summaries for 2024, and partial through 2025

# 2024 Water Year Data Summary

- 175,822 discrete measurements collected in water year 2024
  - 95.8% data completion percentage
  - Original 6 monitoring stations

### 2024 Summary Statistics

Statistic	Specific Conductivity (µS/cm)					
	Hinkson, I-70	Hominy Branch	Grindstone Creek	Flat Branch	County House	Mill Creek
Minimum	91	94	122	60	94	35
Mean	658	717	663	928	708	606
Maximum	4,464	4,326	3,707	12,573	1,987	2,561
Count (#)	27,516	30,575	26,019	30,573	30,571	30,568
Data Completion (%)	90.0%	99.9%	85.1%	100%	100%	100%

- Water Year = October 1 to September 30 (complete winter season)

# 2025 Water Year Data Summary (so far)

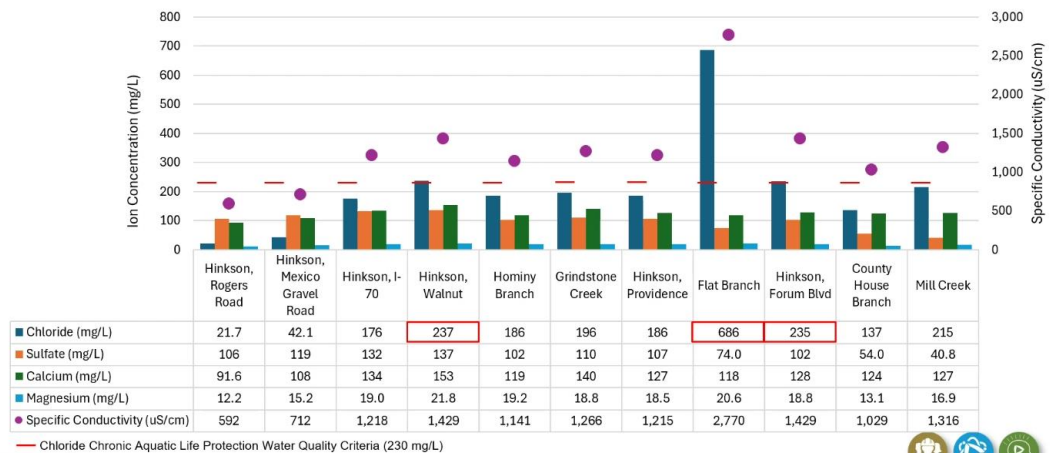
- 133,504 discrete measurements collected so far in water year 2025
  - Additional 5 monitoring stations added in February to March 2025

### 2025 Summary Statistics

Statistic	Specific Conductivity (µS/cm)										
	Hinkson, Rogers Rd	Hinkson, Mexico Gravel Rd	Hinkson, I-70	Hinkson, Walnut St	Hominy Creek	Grindstone Creek	Hinkson, Providence Rd	Flat Branch	Hinkson, Forum Blvd	County House Branch	Mill Creek
Minimum	134	150	171	114	177	137	138	80	222	165	129
Mean	424	459	825	665	866	806	875	1,545	929	836	874
Maximum	673	786	3,438	1,418	3,379	1,868	3,325	6,530	2,854	1,434	2,666
Count (#)	4,283	2,109	18,461	5,066	18,461	18,430	5,640	18,471	5,639	18,470	18,474

# Analytical Samples

### 2/25/25 Sampling Event Results



## 2. Open Topics

- a. Summary report from Dave Alvarez hopefully soon, but timeframe is TBD.
- b. All teams meeting, field trips to recent projects; time, date, and locations TBD, early or late summer maybe?
  - i. Possible locations: stream restoration project near Providence Road; Geosyntec monitoring location?

### **Next Meeting**

The next meeting for the Science Team is scheduled from 3 pm to 5pm on June 3, 2025, via web interface call.