



## PROJECT BRIEF

# Little Muddy River Mitigation Bank Macroinvertebrate Sampling

BioSurvey Group conducted a benthic macroinvertebrate survey for a mitigation project on the Little Muddy River in Perry & Franklin County, Illinois. This sampling served as a benchmark assessment to measure potential improvements to the benthic macroinvertebrate community post-restoration. The sampling methods and design followed the Illinois Environmental Protection Agency's Standard Operating Procedure for Methods to Collect Aquatic Macroinvertebrates from Wadeable Streams for Biotic Integrity Assessments. The project site was delineated into four reaches, with a minimum of two samples per reach. Sampling was conducted with a Surber sampler, using a kick-net / sweep method due to depths exceeding 3 ft. After identification results, a full report along with a taxa and metric breakdown was created and submitted to state agencies for review and approval.



**Year: 2024**  
**Dates: Aug 16**  
**Value: \$15K**

## Perry & Franklin County, Illinois