

Josh Fluger - Environmental Scientist

Summary

Mr. Fluger is an Environmental Scientist with GBM^c & Associates, Inc. He has a diverse background and six years experience in the environmental field. His experience includes water quality monitoring, aquatic, wildlife, and ecological field studies, environmental compliance/permitting, and data analysis/interpretation.

Education

2000 BS Fisheries and Wildlife Biology, Arkansas Tech University
1997 Associate Business Administration, Bossier Parish Community College

Experience

Water Quality

Mr. Fluger has experience in the use of various types of water quality monitoring and sampling equipment including: flow meters, automatic water samplers, pH meters, D.O. meters, conductivity meters, temperature meters, secchi disk, fluorometers, colorimeters, and core samplers. He has sampled wastewater and storm water as part of the NPDES permit requirements. He has also collected data from other media including surface water, ground water, sediments, and soils.

Ecological/Field Studies

Mr. Fluger has been involved in the coordination and the implementation of numerous field studies. Mr. Fluger has experience in rapid bioassessments to evaluate the conditions of benthic and fish communities in lotic environments. He has performed habitat evaluations, looking at the potential community development. In addition, Mr. Fluger also has experience in stream classification and stream habitat assessment for potential community development.

Environmental Compliance/Reporting

Mr. Fluger has been responsible for preparing NPDES permit applications for permit renewal, modification, and construction permits adhering to NPDES guidelines. Mr. Brown has also worked with NPDES storm water permitting issues. He has performed storm water site assessments and prepared site drainage maps to meet requirements for the NPDES storm water regulations. He has prepared and updated Pollution Prevention Plans and Construction Pollution Prevention Plans for review and certification as required.

Mr. Fluger has prepared Spill Prevention, Control, and Countermeasure Plans for various industrial clients for review and certification as required. In an effort to minimize storm water pollution and prevent spills at the site, analysis of Best Management Practices (BMPs) were included in the plans.

Mr. Fluger has several years experience in hazardous materials management and reporting. He has prepared SARA Title III reports including Section 311/312 (Tier I/II) inventory reports and Section 313 toxic chemical release reports (Form R) for various types of industrial clients.

Wildlife Biology

Mr. Fluger has been involved in the planning and implementation of several field studies. His involvements include monitoring winter N. Bobwhite Quail movements in Crawford, MS. He became proficient in radiotelemetry and mark and release procedures linked with N. Bobwhite Quail.

He also served as a temporary wildlife technician for Arkansas Game and Fish Commission. His involvements include implementing field techniques affiliated with the population dynamics of Arkansas native black bears located in Southeast Arkansas. Here he also had experience with radiotelemetry and utilization of chemical restraint agents.

Mr. Fluger also has experience in avian biology as a research assistant while attending ATU. He was involved in field work and data analysis in predicting a Cerulean warbler habitat model within Northwest Arkansas. Other avian experience includes conducting breeding bird surveys and a migratory bird count.

Certificates

Stream Classification and Assessment (North Carolina State University)
Stream Restoration Design Principles (North Carolina State University)

