

Josh Saville

Senior Scientist

10624 Appalachian Highway
Davis, WV 26260

304.292.2450

www.downstreamstrategies.com
jsaville@downstreamstrategies.com

Profile

Mr. Saville brings a wealth of field experience and training to support a variety of stream and wetland restoration projects. He has over 10 years of experience in hydrology-related field work, including surveying (GPS, theodolite, level), sediment sampling, riparian and wetland vegetation inventory, stream and groundwater monitoring, chemical/biological monitoring, habitat assessment, and stressor evaluation. He is an experienced equipment operator having completed several stream and wetland restoration projects in addition to building miles of trails.

Skills and Experience

Oversaw construction on a 4000-foot trout habitat enhancement project on Big Run in the Savage River watershed, Maryland's only fully interconnected brook trout system. Oversaw construction on Beaver Creek, a tributary to the Blackwater River in Davis, WV; this project involved the removal of an old, failed dam and installation of log vanes and woody debris to enhance stream habitat.

Worked as an equipment operator and provided project oversight at Canaan Valley State Park for a 2.7-acre wetland creation and 1.4-acre wetland enhancement project to mitigate wetland impacts from a wastewater treatment facility constructed nearby.

Identified and prioritized stream restoration sites on the Gandy Creek in Randolph County, WV. Provided construction oversight, worked as an equipment operator, and assisted with planting and installation of bioengineering features. The project restored 5,000 feet of stream and created and enhanced wetlands.

Participated in a field crew that assessed and surveyed stream conditions in the Tomlinson Run watershed in Hancock County, WV and in the Lower Dempsey Creek watershed in Logan County, WV. Collected field data to measure the physical, chemical, and biological integrity of over 10 miles of stream. Oversaw construction for stream and wetland building and mine road decommissioning. The projects restored 10 miles of stream, reestablished two miles of stream, rehabilitated 26 acres of wetland, and decommissioned 25 miles of old mining roads.

Identified and prioritized ecological restoration sites on the Mower Tract in the Monongahela National Forest. Operated equipment for road decommissioning, strip mine bench decompaction, wetland enhancement, and stream restoration activities. The project restored 3,500 feet of stream, enhanced four acres of wetland, and decompacted 126 acres of mine lands.

Participated in a field crew that assessed and surveyed existing stream conditions and as-built conditions on three tributaries of the Upper Shavers Fork River. The projects restored 520 feet of stream and reconnected 3.7 miles of upstream habitat.

Participated in a field crew that assessed and surveyed existing stream conditions on Tuscarora Creek in Berkeley County, WV. Oversaw construction and assisted with planting and installation of bioengineering. The project restored 800 feet of stream and reconnected 16.7 miles of upstream habitat.

Worked as an equipment operator to restore approximately 800 feet of eroding streambanks on Mill Creek in Berkeley County, WV. The project included planting and installing bioengineering features.

Participated in a field crew that assessed and surveyed existing stream and as-built conditions for a restoration project on the Savage River in Garrett County, MD. Oversaw construction and assisted with planting and installation of bioengineering features.

Planned road-to-trail conversions on 10 miles of disused forest roads and completed construction of sustainable trails on the Monongahela National Forest.

Worked with communities, schools, and volunteer groups in the planning and design of over 17 miles of multi-use trails throughout West Virginia.

Education

B.A., Liberal Arts, West Virginia University, 1998. Emphasis on environmental science.

Wildland Hydrology through Level III, Assessment and Analysis of Stream Channels and Habitats, and EPA Rapid Bioassessment Approach.