



RIVER ENGINEERING

www.merrick.com | hello@merrick.com

WE CONNECT PEOPLE WITH RIVERS

Water connects us all, shaping both our environment and quality of life. We're dedicated to crafting creative, nature-based engineering solutions that help nature and people thrive together. With an approach rooted in community engagement, environmental stewardship, and technical expertise, we design and build sound, innovative engineering solutions that restore rivers. They bring together infrastructure like dams and diversions with recreation, safety, and river health to shape the future of rivers and communities alike. Our team of river engineering and whitewater experts will help you create and maintain safer, healthier, and more connected waterways and community-focused river parks for diverse users of all ability levels.



OUR SERVICES

WE CREATE SPACES THAT ENHANCE ECOLOGICAL HEALTH, PROMOTE IN-RIVER RECREATION, AND SUPPORT LONG-TERM RESILIENCE.

OUR CAPABILITIES

- River & Dam Safety
- Fish Passage & Habitat Design
- Whitewater & River Park Design
- Flood Analysis
- Hydraulic Modeling: Physical Models, CFD 3-Dimensional, 2D, 1D
- Scour & Sedimentation Analysis



Natural Channel Design



Channel Stabilization



Ecological Restoration



Stream Health Assessment



Whitewater & River Parks

Our work proves our philosophy: environment, recreation and community can thrive together.

SAFETY. DURABILITY. PERFORMANCE

Water is a force of nature that requires expertise. We lead the river engineering industry in the areas of safety, multi-purpose infrastructure, whitewater design, and urban river restoration. Our whitewater venues have hosted elite events such as the Olympics and World and National championships. We strive for resilient rivers and healthy ecosystems with native habitats. What's good for the river is good for the community and for recreation.

MAKING PROJECTS REALITY

Funding is often the first major challenge for a project. That's where Merrick's Government Affairs & Funding Services (GAFS) experts come in. We can lead you through the complexities of funding sources; help you create competitive funding applications; provide funding administration; manage compliance activities; and even secure additional funding when necessary.



SUPPORT AT EVERY PHASE: ANALYSIS // PLANNING // DESIGN // FUNDING // PERMITTING // CONSTRUCTION