



## ECOLOGICAL SERVICES

### WHY ATWELL?

- Local expertise, national reach
- Industry knowledge
- Dedicated experts and teams
- Full-service resources
- Aggressive, passionate professionals
- Nimble, flexible structure

### CAPABILITIES

- Wetland Services
- Threatened & Endangered Species Surveys
- Flora & Fauna Habitat Assessments & Management
- Aquatic Ecosystem Assessments & Management
- Natural Resources Damage Assessment & Restoration Assistance
- Wildlife & Avian Hazard Assessments & Mitigation
- NEPA Compliance
- State, Federal, and Local Permitting

### AGGRESSIVE STRATEGIES FOR COLLECTIVE SUCCESS

From site selection through post-construction compliance, Atwell's ecologists and biologists pursue your project objectives. They work alongside engineers and contractors to alert you to potential environmental disturbances and their impact on project feasibility, scope and schedule. Aggressive design, permitting and mitigation strategies are employed to maximize land use and minimize threats to regional species, watersheds and ecosystems.

### SOLUTIONS THAT SURPASS

#### Regional Wetland Mitigation-Area Planning

Atwell performed a 100-acre wetland mitigation feasibility analysis to determine current site conditions and the potential success of the site as a regional wetland mitigation area. Our staff biologists delivered a complete suite of services, including: comprehensive environmental assessment; identification and mapping of ecological community types; stream geomorphology assessments; water budget determination for potential wetland areas; Floristic Quality Analysis (FQA) to evaluate vegetative quality; and regulatory agency approval support.

Atwell also performed a survey and habitat assessment for state-designated threatened and endangered species. Based on the site inventory, the team identified mitigation options including areas of wetland creation, invasive species control areas, riparian enhancement and preservation of existing high-quality woodlands. The team also outlined areas for state and local easements and placement of public access trails and interpretative signs.

Additionally, Atwell provided wetland mitigation planting oversight and currently monitors the mitigated wetlands on site.