

NATURAL AND WATER RESOURCES

Protecting what matters

Protection and management of natural resources (our streams, wetlands, and endangered species) can have a significant impact on project schedules and budgets. Given today's complex regulations and the ever-increasing emphasis on judicious natural-resource management methods, partnering with a knowledgeable, responsive, and reliable consultant is essential.

EnSafe's track record of technical and regulatory expertise has earned us the high regard of both our clients and environmental regulatory agencies.

creative thinking, custom solutions.

AQUATIC RESOURCE SITE ASSESSMENTS

Site Aquisition Due Diligence
Wetland Delineations
Hydrologic/Stream Determinations
Jurisdictional Determination
Guidance

Mitigation and Impact Cost Estimates 404 Permitting and 401 Certifications ARAP Permitting (Tennesee) State agency and USACE Coordination

WETLAND AND STREAM MITIGATION SERVICES

Site Feasibility Studies
Wetland and Stream Mitigation Plans
Hydrologic Restoration Design
Vegetative Restoration Design
Bank Prospectus / Instrument
Development
Permittee-Responsible Mitigation
Restoration Construction and
Revegetation

Wetland and Stream Mitigation

Monitoring

RARE, THREATENED, AND ENDANGERED SPECIES

Site Acquisition Due Diligence
Section 7 Consultations
Rare, Threatened, & Endangered
Species Surveys and Assessments
Bat Habitat Assessments
Mist Netting, Acoustics, and Telemetry
Vegetation / Tree Surveys and
Inventory

WATER QUALITY ASSESSMENTS

Stream Habitat Surveys Benthic Macroinvertebrate Sampling Analytical Sampling

RELATED ECOLOGICAL SERVICES

National Environmental Policy Act (NEPA) Ecological Risk Assessment Erosion Prevention and Sediment Control Full spectrum environmental service professionals, including biologists, ecologists, wetland scientists, risk assessors, GIS technicians, landscape designers, engineers, geologists, and chemists

Technical Expertise

Professional Wetland Scientists (PWS)
Professional Engineers (PE)
Professional Geologists (PG)
Qualified Hydrological Professionals (QHP)
Certified Professionals in Erosion and
Sediment Control (CPESC)
Certified Ecologists
Level 1 and 2 Erosion Prevention Sediment
Control

Clients

U.S. Navy
Defense Logistics Agency
U.S. Department of Transportation—
Surface Transportation Board
Tennessee Valley Authority
Tennessee Department of General Services
Louis Dreyfus Company
Weyerhaeuser Co.
Shelby County Government

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