

As water resources become increasingly important in the U.S., our clients are under increased production and regulatory demands. EnSafe's Stream Restoration Group — biologists (PWS), hydrogeologists, hydrologists, geologists (PG), chemical, civil and environmental engineers (PE, CPESC), geomorphologists, risk assessors, and plant ecologists — is well equipped to handle the arduous tasks associated with design and permitting success. The group's array of public- and private-sector experience and wide-ranging technical expertise provides the ability to succeed in variable situations concerning stream restoration and related services.

creative thinking. custom solutions.

WATERSHED DEVELOPMENT

- Storm Water Master Plans
- Basin Studies and Computer Basin Modeling
- Flood Water Surface Profile Modeling
- Floodway/Floodplain Determination
- Storm Water Detention Pond Design
- Lake and Dam Design
- Wetland and Stream Construction, Restoration, Mitigation, and Monitoring

STREAM CHANNEL DESIGN

- Environmentally Sensitive Channel Capacity Enhancement
- Channel Horizontal Alignment Stabilization
- Channel Bottom Grade Stabilization
- Fluvial Geomorphology Studies
- Channel Restoration/Relocation Design Services

EROSION & SEDIMENT CONTROL

- Storm Water Pollution Prevention Plan Preparation
- Erosion Control Measures Design and Installation
- Sedimentation Studies
- Sediment Removal Facility Design

AQUATIC RESOURCES

- 401/404/26a Permitting (Clean Water Act)
- Aquatic Community Population Studies and Fish Tissue Sampling
- Jurisdictional Wetland Delineations and Identification
- Lake Value and Function Assessment
- Rare, Threatened and Endangered Species Surveys
- Water/Sediment Quality Studies/ Toxicity Testing
- Wetland/Stream Value and Function Assessment

NEPA

- Environmental Assessments
- Environmental Impact Statements
- Scoping/Public Meetings

NATURE TRAIL DESIGN/ CONSTRUCTION

- Habitat Conservation and Protection Plans
- Interpretative and Informative Displays and Kiosks
- Nature Trails and Boardwalks
- Storm Water Management
- Storm Water Runoff Monitoring & Modeling
- NPDES Permitting

- Technical Expertise and Experience
- Focus on Client Service and Involvement
- Highly Diverse Technical Professionals
- Comprehensive Services

Technical Expertise

- Registered Professional Engineers (PE)
- Registered Professional Geologists (PG)
- Certified Professionals in Erosion and Sediment Control (CPESC)
- Rosgen Certified Fluvial Geomorphologist
- Qualified Hydrologic Professionals (QHP)
- Professional Wetland Scientists (PWS)

Clients

- Nexair Corporation
- Matheson Tri-Gas
- Medegen Medical Products
- Tennessee Department of Transportation

Contact Us

Jimmy Groton, PWS
(865) 219-2681
jgroton@ensafe.com

TEL 800.588.7962

