

WETLAND & ECOLOGICAL SERVICES



Sterling Environmental Engineering, P.C. (STERLING) provides a wide range of **WETLAND & ECOLOGICAL SERVICES**. As development expands into ecologically sensitive areas, STERLING's professional staff is equipped to ensure all ecological issues, regulation and permit requirements are addressed.

Accurate, detailed, and comprehensive wetland delineations form the foundation of responsible and efficient site design and project development. STERLING's professional staff have extensive experience in performing the precise identification, delineation, and classification of wetland resources critical to project success. STERLING's expertise also includes stream and wetland mitigation and restoration, and the remediation of contaminated wetland areas. STERLING's ability to involve multiple in-house environmental and engineering disciplines provides our clients with additional levels of expertise.

STERLING's credibility is enhanced by our demonstrated expertise and the relationship we maintain with the regulatory agencies. STERLING performs pre-application consultation with regulatory agencies to discuss permit requirements and streamline permitting efforts.

Identification of wetlands typically relies on interpretation of aerial photographs, soil surveys, available Geographic Information Systems (GIS) data review, and field inspections. Wetlands are field delineated in accordance with Federal and/or State-specific delineation criteria, and classifications may be made under a State-specific classification scheme or under the Federal U.S. Fish and Wildlife Service classification system.

Development projects often require the evaluation of environmental impacts and may require formal impact statements as dictated by State and Federal regulations. STERLING's ecological services, such as, vegetation inventories, habitat assessments and wildlife inventories are used to evaluate the potential impacts of a project. Ecological assessments and inventories are performed based on State and Federally approved assessment methods.



STERLING also provides assistance with permitting compliance issues, such as regulatory agency enforcement cases related to Clean Water Act violations. We are often called upon to serve as experts to support litigation and administrative hearings.

REPRESENTATIVE SERVICES:

- Wetland Identification, Delineation and Classification
- Stream and Wetland Assessment and Restoration
- Wetland Mitigation Plans
- Environmental Monitoring
- Natural Resource Inventories
- Wildlife Inventories
- Threatened and Endangered Species Assessment
- Impact Assessments, Alternatives Analysis, and Preliminary Engineering Design
- Impact Avoidance, Minimization and Mitigation
- Feasibility Studies and Identification of Required Permits
- Permitting and Regulatory Agency Coordination
- NYSDEC/USACOE Permits
- Incidental Take Permits

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REPRESENTATIVE SERVICES (Cont'd):

- Environmental Impact Statements (EIS)
- GPS Data Collection and GIS Mapping
- NEPA and SEQRA Compliance
- Public Presentations and Expert Testimony
- Litigation Support and Expert Services
- Grant Applications

STERLING provides these services to a wide variety of clients, including municipalities, state agencies, construction contractors, peat mine operators, private land developers, legal firms and individual homeowners.

PROJECT EXPERIENCE:

- Threatened and Endangered Species Assessment for Property Development Projects
- Wildlife Inventory for Peat Mine Permitting Project
- Vegetative Cover-Type Mapping and Sampling for Permitting and Property Development Projects
- Stream/Wetland Restoration Design, Construction Monitoring and Post-Construction Monitoring for State and Federal Enforcement Cases
- Wetland Mitigation Design, Construction Monitoring and Post-Construction Monitoring
- Natural Resource Inventories, Analysis & Mapping for Property Development Projects
- Wetland Identification, Delineation and Classification for State and Federal Enforcement Cases and a Variety of Permitting Projects



Water Lily



Eastern Kingbird on Mariaville Lake



Silky Dogwood

STERLING's Environmental Consultants have Professional Wetland Scientist certification and extensive training and experience in wetland identification, delineation and classification and flora and fauna identification. STERLING stays current with local, state and federal regulatory and permitting updates, applicable court decisions, and published technology and guidance documents.

CONTACT INFORMATION:

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