



**The Smart Associates**  
*Environmental Consultants, Inc.*

*Getting the Job Done*

*Concept through construction and beyond*

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## FACILITY/CONSTRUCTION COMPLIANCE

Our environmental experts can support your facility compliance needs through a wide array of program strategies ranging from consultations and one-day staff assistance visits to complete multimedia environmental assessments. Our ability to assist in reducing operation costs associated with compliance requirements has made TSA a leader in the facility compliance sector. Areas include:

- Hazmat/Waste Management
- Storm Water Management
- Personnel Training
- Storage Tank Management
- Environmental Auditing
- Construction Compliance



## NEPA DOCUMENTATION

Our professional staff is highly qualified to identify and evaluate environmental impacts to wetlands, surface water and groundwater resources, endangered species, wildlife, land use, socio-economics, and aesthetic quality. TSA's primary goal is to help clients to minimize the need for environmental documentation and expedite the review process through strategic planning from project inception and beyond. Services in this area include:

- Federal NEPA Environmental Impact Documents
- State Programs (MEPA, VT Act 250, etc.)
- Resource Inventories & Mitigation Strategies
- Public Participation Programs

## ENVIRONMENTAL SITE ASSESSMENTS

Members of our staff have extensive experience in the planning and execution of ASTM Phase I and Phase II site assessments. Our list of clients include local, state, and federal agencies; military installations; banking institutions; industrial clients; and private land owners. Our studies have been incorporated into NEPA documents and used to identify constraints to project development, and they have facilitated rapid transfers of property ownership. Specific services include:

- Phase I Site Assessments
- Phase II Site Investigations
- Remedial Action Plans
- Site Safety Plan Preparation

## WETLAND STUDIES

We specialize in wetland delineation, evaluation of functional roles and values, determination of impacts, and the development of mitigation plans to compensate for impacts. We have federal, state and local level experience in all the phases of regulatory agency review and permitting. Our wetland services include:

- Wetland Delineation
- Wetland Functional Evaluation
- Wetland Impact Assessment
- Mitigation Planning & Design



## VEGETATION MANAGEMENT PLANNING

We have the expertise to provide environmentally sound and financially feasible vegetation management plans, creating and maintaining protected areas that are free of vegetative obstructions. For example, plans have been developed and implemented at airports that encourage the natural development of stable communities of native vegetation, in order to minimize future maintenance requirements. Services include:

- Vegetation Management Plan Preparation
- Yearly Operational Plans
- Wetland Permitting for VMPs

## PERMITTING/AGENCY COORDINATION

We have prepared permit applications for a number of clients. We have established an excellent reputation with the various regulatory agencies at all levels to assist our clients in acquiring permits for their projects. Permitting services include:

- Army Corps of Engineers, State & Local Wetland Permits
- Water Quality Certifications
- Critical Resource Alteration Permits
- NPDES Permits
- Threatened/Endangered Species

## FLORA AND FAUNA STUDIES

We have extensive training in the scientific research of ecological systems, including the development of environmental quality indices, the analyses of vegetational structure and composition, and the study of wildlife habitats. We have provided services to many municipalities and conservation organizations to assist them in achieving their resource management and protection goals. Specific services include:

- Natural Resource Inventories
- Wildlife Management Plans
- Public Education Program
- Threatened/Endangered Species Surveys
- Ecological Research

## WATER QUALITY INVESTIGATIONS

Our planning and water resource protection experience includes groundwater resource identification and evaluation studies, groundwater and surface water quality monitoring and impact evaluations, and the identification of regulatory and other measures to protect water resources. Specific services include:

- Groundwater Quality Studies
- Hydrogeologic Assessments
- Surface Drainage Review
- Wellhead Protection



## WILDLIFE HAZARD ASSESSMENTS

Our experience in transportation environments and wildlife habitat identification and management combine to address the needs of operators in complying with regulations that require them to control wildlife hazards. TSA can provide the required hazard assessment studies and management planning needed to address wildlife safety concerns. Specific services include:

- Wildlife Hazard Assessment Studies
- Wildlife Hazard Management Plan Development & Implementation
- Staff Training

## FIRM OVERVIEW

**The Smart Associates, Environmental Consultants, Inc.** (TSA), has provided outreach and environmental services for a broad spectrum of private developers, industrial corporations, public transportation agencies, and non-profit organizations since 1984. TSA is recognized for expertise in environmental compliance and auditing, wetland studies, NEPA documentation, and project and facility permitting requirements.

Our team of professionals has extensive experience in New England, as well as in the southeastern, western and southwestern United States. We have completed projects ranging from small residential subdivisions to a \$400+ million fast track design-build airport capital improvement program.

A certified Women-Owned Business Enterprise, TSA maintains an excellent rapport with federal and state agencies keeping current with the ever-changing regulatory and permitting process.

- ENVIRONMENTAL AUDITING/  
FACILITY COMPLIANCE
- CONSTRUCTION COMPLIANCE
- NEPA DOCUMENTATION
- VEGETATION MANAGEMENT  
PLANNING
- PHASE I/PHASE II  
ENVIRONMENTAL  
SITE ASSESSMENTS
- WETLAND DELINEATION,  
ASSESSMENT AND MITIGATION
- PERMITTING/AGENCY  
COORDINATION
- WATER QUALITY  
INVESTIGATIONS
- FLORA AND FAUNA STUDIES
- WILDLIFE HAZARD  
ASSESSMENTS

*We work as an extension of your team,  
to provide the best technical advice from  
the early concept phase of your project  
through construction and beyond.*