

ENVIRONMENTAL MANAGEMENT
SERVICES



Managing today's environment

TEC Inc. (TEC) is here to help you navigate the complex network of state, national, and international environmental regulations. We employ a full complement of seasoned engineers, scientists, and legal and managerial specialists who analyze your project from every possible aspect. Our solutions are based on sound judgment and a studied response to the unique factors involved.

for the future.

Our approach to environmental management is comprehensive—environmental planning, environmental compliance, and waste management. Depending on the scope and nature of your project, a TEC team will be assembled to meet your specific challenge. Then we set to work assisting you throughout every phase. In the end, you will have a responsive, cost-effective solution to the complex problems of environmental regulation.

“TEC did a great job on our project and has been a key participant in getting our air permit modified. They have provided excellent service and support.”

—Alcan



Careful environmental planning creates the balance between what's good for business and what's good for our natural and cultural resources. Throughout the planning process, we are sensitive to public concerns and the possibility of any long-range problems.

Natural Resources

We can help you achieve your economic goals and mission while conserving natural resources and protecting valuable species. Our experience in field work, planning, and mitigation measures translates into study services that include

- ▶ Biological and ecological monitoring studies
- ▶ Endangered species habitat analysis
- ▶ Air and noise studies
- ▶ Wetlands delineation and mitigation

Cultural Resources

TEC has a wealth of investigative experience in archival research, historic preservation, and the many aspects of cultural resources management. We have worked with government and private industry at all levels to provide

- ▶ Cultural resources overview studies
- ▶ Local and regional sampling studies
- ▶ Cultural resources management plans
- ▶ Inventory survey programs
- ▶ Data recovery programs
- ▶ National Register assessment and nomination programs
- ▶ Archaeological monitoring
- ▶ Historic land use studies

Planning Documentation

TEC can help you create a cohesive profile of your environmental challenges. Our state-of-the-art computer-aided design and geographic information software programs produce maps and databases that fully integrate complex environmental data into your planning documentation. Our services include

- ▶ Environmental baseline surveys and site selection
- ▶ Economic feasibility studies
- ▶ Comparative cost analysis for alternative development plans
- ▶ Master planning for phased construction and future expansion

Environmental Impact Assessment

To facilitate project approval and permit requirements, careful analysis of environmental impact plays a pivotal role. It also reduces the potential for budgeting and scheduling conflicts by anticipating regulatory requirements and encouraging public participation. To evaluate environmental impact, we provide

- ▶ Complete environmental engineering and cultural data gathering
- ▶ Documentation through environmental impact statements and supporting studies
- ▶ Community relations through mailings, announcements, and public meetings
- ▶ Comprehensive permitting support





Effective environmental compliance requires a detailed knowledge of environmental regulations and the flexibility to keep abreast of trends and inevitable changes. TEC's legal and managerial specialists, scientists, and engineers are uniquely qualified to help you meet your compliance requirements now and plan for the future.

Regulatory Compliance

TEC has performed assessments and developed compliance strategies for a wide spectrum of firms, institutions, and government agencies worldwide, providing services that include

- ▶ Cutting-edge techniques in environmental auditing
- ▶ Strategies and plans for Clean Air Act compliance
- ▶ Administration and management of storm water, wetlands, and drinking water plans
- ▶ State-by-state attention to regulations governing oil spill prevention, hazardous waste, and pesticides
- ▶ Federal agency compliance with host country regulations
- ▶ Greenhouse gas management and reduction strategies

Pollution Prevention

Responsible pollution prevention requires more than improved engineering. It involves rethinking financial, legal, and training issues from the CEO all the way down the manufacturing line. A complete pollution prevention plan may include

- ▶ Reduced treatment and disposal costs
- ▶ Reduced regulatory and reporting requirements

- ▶ Decreased risk and liability in a safer work environment
- ▶ Image enhancement among employees, shareholders, and the public
- ▶ Pollution prevention plans
- ▶ Pollution prevention opportunity assessments

Indoor Air Quality and Industrial Hygiene

Our indoor air quality assessments include the monitoring of possible airborne contaminants such as chemicals, radon, asbestos, and biological spores. These data are gathered to meet regulatory agency guidelines. TEC also provides industrial hygiene services that include

- ▶ Asbestos surveys and management plans
- ▶ Lead surveys and management plans
- ▶ Radon monitoring and mitigation studies
- ▶ Ozone depleting substance inventories

Environmental Management Systems and Training

We can provide a coherent and detailed environmental management system for effective compliance, as we've done for hundreds of commercial and governmental clients in the U.S. and abroad. We provide particular expertise in helping federal agencies comply with EO 13148 and commercial clients comply with ISO 14001. To be complete, any environmental management system requires proper training. Training is available as a stand-alone service or in conjunction with other TEC services.



Managing solid and hazardous waste is a multi-faceted challenge regardless of the project size. TEC specialists are adept at investigation and assessment, health and safety oversight, construction management, community relations, and quality control programs.

Waste Treatment and Minimization

TEC will help you decrease, or even eliminate, the amount of waste—hazardous or not—being produced. You can control waste disposal costs by allowing TEC to perform services that include

- ▶ Analyzing waste streams, treatment systems, and disposal alternatives
- ▶ Segregating hazardous wastes and substituting materials with lower disposal costs
- ▶ Initiating energy conservation and recycling measures
- ▶ Developing waste minimization programs

Site Investigation and Risk Assessment

Know what you're getting into when embarking on any industrial project. TEC will analyze soil, groundwater, and surface water for a wide range of contaminants. TEC has performed site investigations, remedial investigations, and feasibility studies pursuant to applicable state and federal regulations.

Example projects include

- ▶ Underground storage tank/pipeline installation, reconstruction, and removal
- ▶ Preconstruction site evaluation and postconstruction site monitoring
- ▶ Superfund site investigations, remedial designs, and remedial actions
- ▶ Hazardous waste site investigation, delisting, cleanup, and closure
- ▶ Risk-based closures
- ▶ Facility decontamination and decommissioning

Remedial Design and Construction Management

Once you identify a potential environmental problem, it may require extensive remedial measures. Other sites can be successfully handled through focused natural attenuation or removal actions. TEC project teams are well versed in design and remedial engineering strategies that solve hazardous waste problems in the most cost-effective manner, including

- ▶ Engineering evaluations and cost-benefit analyses
- ▶ Field sampling and analysis during construction
- ▶ Long-term monitoring



"I have had the pleasure to work with TEC on several projects . . . Without question, the deliverables they provide are of the highest caliber. They are truly experts in their field. In an area where many dabble in and say they are capable of accomplishing a project, few are truly capable of putting together an accurate, quality, legally defensible document which meets ACC standards. TEC is one of those rare few!"

—Headquarters, Air Combat Command

TEC provides efficient solutions for managing people's relationship with the natural and built environment. Our interdisciplinary approach to solving engineering and environmental management problems begins with a solid understanding of the technical and regulatory issues involved. Our engineers, architects, and scientists use advanced techniques and apply innovative technologies to produce results that are timely, applicable, and cost-effective. As a full-service environmental consulting firm, TEC's network of offices offers the flexibility to meet the challenges of today's rapidly changing business and regulatory climate.

By employing the best minds and latest technologies, we maximize efficiency in all aspects of our work. This ultimately proves to be cost-effective for you.

Solving a difficult problem or developing an efficient solution demands a unique approach. Call TEC today.



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Pollution Prevention
Indoor Air Quality and Industrial Hygiene
Environmental Management Systems and Training
Greenhouse Gas Management

Waste Management

Waste Treatment and Minimization
Site Investigation and Risk Assessment
Remedial Design and Construction Management



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