

# Environmental Planning

## Comprehensive NEPA-Compliant Services

AMEC's Earth & Environmental operation is a multi-disciplinary engineering and environmental consulting firm with offices throughout North America and internationally. We combine science, engineering, and analytical chemistry to provide cradle-to-grave solutions to each client's specific environmental challenges. This comprehensive suite of services includes a specialization in environmental planning and natural and cultural resources management and conservation:

- Complete, In-House Environmental Impact Assessment and Analysis Capability
- Ecological and Biological Services
- Cultural Resources Investigations
- Regulatory Permitting and Mitigation
- Public Participation

AMEC has a 30+ year successful history of preparing multidisciplinary environmental review documents and technical studies in compliance with the National Environmental Policy Act (NEPA) and applicable federal, state, and local regulations. Related surveys, studies, and consultations, such as those required by the Fish and Wildlife Coordination Act, the National Historic Preservation Act of 1966, the Endangered Species Act of 1973, and other environmental review laws and executive orders are also regularly prepared, as needed.

With AMEC, our clients are provided complete, "one-stop shopping" that meets and exceeds any of their environmental planning needs, including analysis of land use, air quality, noise, natural and cultural resources, hazardous materials, socio-economics, airspace and aviation safety, infrastructure, and environmental justice – whatever the issue is, AMEC has the experts to help you craft the right solution.

### Environmental Impact Assessment

The environmental planning capabilities at AMEC offer decision-makers, regulators, developers, planners, engineers and architects the valuable opportunity to consider environmental resources within the context of

project design and implementation. Our environmental planning studies are used to assist clients in preparing general plans, specific plans, resource management and open space plans, master utility plans, facility placement evaluations, and other proposed actions.



Armed with knowledge of baseline environmental resources for a property, AMEC advises the design team on environmental sensitivities, potential public controversy, and anticipated regulatory requirements during the environmental review process. By coordinating the environmental constraints process with the design team efforts, AMEC's environmental planning services lend credibility and defensibility to controversial projects. This service also assists our clients in developing feasible project alternatives that effectively avoid or minimize significant impacts of project implementation. Additionally, the support offered by our environmental planning services lends objectivity to the selection process for preferred and alternative project designs.

- Environmental Assessments/Impact Statements
- Environmental Baseline Surveys
- Integrated Natural and Cultural Resources Management Planning

### Ecological and Biological Services

AMEC has assembled a national team of natural resources specialists specifically skilled in meeting the needs of businesses and government agencies throughout North America and abroad. AMEC offers locally experienced groups of ecologists, biologists,

environmental scientists, cartographers and other natural resource specialists that provide both progressive and aggressive capabilities to handle the most challenging assignments. Our services include:

- Threatened and Endangered Species Surveys
- Habitat Assessment and Restoration
- Invasive Species Inventory, Assessment, Removal Design, and Implementation
- Wetlands Delineation, Assessment, Mitigation, and Restoration
- Mitigation Plans and Monitoring
- Watershed Management Planning
- Forest Management Planning
- Habitat Conservation Planning
- Multiple Species Conservation and Management Planning (e.g., MSCPs and INRMPs)
- Natural Resource Damage Assessments
- Ecological Risk Assessments



## Regulatory Permitting and Mitigation

AMEC frequently works on our clients' behalf with state and federal regulatory agencies to meet regulatory requirements while achieving our clients' needs in the most beneficial and cost-effective manner possible. Our project teams include specialists extensively familiar with applicable regulatory requirements. Often, our environmental analyses prepared pursuant to NEPA and state-level regulations have required the preparation of supporting studies as well as formal interagency coordination, including:

- Section 7 Threatened and Endangered Species Consultations
- Section 404 Permitting
- Section 106 Consultations
- Air Quality Compliance Studies
- Hazardous Materials Evaluations
- Land Use Studies
- Public Meetings and Hearings

## Cultural Resources Investigations

AMEC conducts cultural resource studies of the highest technical quality, using state-of-the-art techniques often within restricted time frames. The experience of AMEC's historians, ethnographers, ethnohistorians, and archaeologists is measured in decades, providing unmatched experience and knowledge of cultural resource investigation and preservation issues. These specialists are expert at developing management and assessment programs involving initial survey, testing, and data recovery of cultural resources; these are done on either a regional basis, such as part of city or county planning, or on an individual, project-specific basis. Working closely with our clients, as well as with appropriate federal, state, and local regulatory agencies, AMEC provides an integrated approach that helps our clients plan projects to avoid or mitigate potential impacts to cultural resources. Our in-house capabilities encompass:

- Phase I and II Archaeological Investigations
- Historical Resource and Architecture Inventories
- Integrated Cultural Resources Management Planning
- Historical and Archaeological Resource Protection Plans
- Native American Consultations
- NHPA Section 106 Consultations

## Public Participation

Public participation in decision-making and policy development processes is key to ensuring equitable, sustainable development. Addressing public concerns in policies and programs ensures that they are all-inclusive and achieve a collaborative balance between societal concerns and appropriate development. Early, proactive inclusion of stakeholders as well as identification of environmental constraints and opportunities allows AMEC's team to incorporate mitigation measures into proposed projects early in the process. AMEC provides leadership in conducting:

- Public Scoping Meetings
- Public Hearings
- Community Outreach
- Press Releases and Media Coordination

For a list of office locations, company contacts and other services refer to:  
[www.amec.com/earthandenvironmental](http://www.amec.com/earthandenvironmental)