

Natural Gas Environmental Permitting

Tapping the resources of one of the leading natural gas siting and permitting consulting firms in the Mid-Atlantic gives energy clients an advantage. GAI Consultants, with a broad range of in-house services and long-standing reputation for meeting schedules and budgets, supports clients in the natural gas industry with experience and innovation.

Streamlined agency review processes and a wealth of environmental resources means clients gain the competitive edge to thrive in a dynamic industry.

GAI's environmental specialists are accomplished in their understanding of agency standards and scheduling requirements, and have established relationships with regulatory agencies that are built on trust and reliability. We are dedicated to helping clients establish pipeline corridors, well sites, compressor station sites, and access roads for natural gas gathering, storage, and transmission.

Tapping into shale gas resources requires site selection, planning, and survey skill as well as the support of cultural resources, foundation engineering, and water/wastewater professionals. GAI has that wealth of in-house resources located throughout the northeast shale gas corridors.

Detailed environmental studies in the early project planning stages keep clients' natural gas pipeline initiatives on target. Clients value GAI's proven ability to deliver the environmental and cultural resource studies capabilities required for permitting. Permit applications prepared by GAI satisfy the federal, state, and local regulations intended to protect natural resources and the environment. Our established relationships with these agencies, including the Federal Energy Regulatory Commission (FERC), take the complexities out of environmental permitting.

GAI's environmental survey group is unique in their experience, mobility, and dedication to the specialized needs of natural gas energy clients.



gai consultants®

Service Profile



Working closely with mapping specialists and utilizing a library of advanced software, our survey capabilities cover the full range of topographic, boundary, control, construction, hydrographic, design, and specialty survey disciplines for the natural gas industry.

To determine the most direct and least intrusive route for each natural gas pipeline corridor GAI first identifies streams, wetlands, and natural habitats throughout the project site. We conduct background research for previously identified obstacles, reducing the time and

effort required for field investigations. Equipped with this information, natural gas clients can avoid or reduce potential adverse environmental impacts.

GAI's experience and dedication in meeting clients' natural gas permitting needs is a valuable resource for energy clients. Our strategies minimize impacts to landowners and the environment, determine the best alternatives, resolve environmental conflicts, and encourage public consensus.

Natural Gas Environmental Permitting Services

- Environmental Surveys and Studies
- Phase I Environmental Site Assessments
- Cultural Resource Testing and Surveys
- Wildlife and Endangered Species Surveys
- Natural Resource Screening
- Invasive Species Mitigation
- Critical Issues Analysis
- Stream and Wetland Mitigation
- Federal, State, and Local Permit Applications
- Agency Coordination
- FERC Compliance
- Surveying and Pipeline Surveys
- Pipeline Corridor Routing Studies
- Geographic Information Systems (GIS) Data Management
- Noise Surveys

GAI Services Summary

- Airport Planning and Design
- Bridge and Structure Inspection and Design
- Coal Combustion Residuals Management
- Construction Inspection and Management
- Cultural Resources Management
- Economic Analyses and Strategies
- Electric Transmission Design and Siting
- Environmental Engineering
- Environmental Studies, Species Studies, Permitting
- Gas Pipeline Surveying and Mapping
- Geographic Information Systems (GIS)
- Geotechnical Engineering and Geology
- Impoundment and Landfill Permitting and Design
- Land Development Engineering
- Landscape Architecture and Design
- Master Planning and Urban Design
- Mechanical, Electrical, Structural Engineering
- Natural Gas FERC Certification and Permitting
- Nuclear Energy Engineering Support
- Right of Way and Appraisal Support
- Land Surveying and Mapping
- Transportation Planning and Design
- Utility Management Consulting
- Water, Stormwater, Wastewater Management

The scope of professional services that are provided by or offered out of each GAI office including, but not limited to, engineering and surveying services, is governed by the professional and business licensing requirements of each individual State or jurisdiction in which the GAI office is located and whether GAI has the requisite professional and business licenses for that State or jurisdiction. Nothing on GAI's Web Site or marketing materials is intended to be interpreted or construed as offering to perform professional licensed services where prohibited unless the licensing requirements have been met. Engineering services are not offered out of GAI's Northern Kentucky (Florence) office location. Surveying services are not offered out of GAI's Illinois location or by our New York subsidiary.

