

Insurance Industry Services



Areas of Expertise

- Due Diligence Phase I and Phase II Environmental Site Assessments
- Property Condition Assessments
- Energy and Sustainability Services
- Industrial Hygiene and Safety Services
- Civil Engineering/Site Selection
- Property Remediation and Remedial Liability Assessments and Costing

More Information

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AECOM has a long history of assisting the insurance industry and clients with understanding and lessening environment and site asset risk.

Overview

Companies in the insurance industry have to find ways to lower their customer's risk. AECOM has a long history of assisting insurance companies and clients with understanding and lessening environmental and site asset risk.

We are a fully integrated engineering, construction and technical services organization with the capabilities to support every stage of the project life cycle.

Our Approach

With a broad offering of services, AECOM is able to assist insurance companies with all their environmental consulting needs. We provide support in all aspects of the asset lifecycle, from civil/site design and permitting all the way through site closure and redevelopment. We work extensively within the industrial sector, and routinely advise our clients on best practices for sustainability and process engineering. Approximately 60% of our environmental work is in remediation and site assessment, making us well suited to assist in due diligence and property condition assessments. AECOM professionals are pioneers in the field of climate adaptation, and with such a broad offering of services, we are well suited to assist our clients with preparation well before natural disasters occur. Should disaster strike, we are able assist with assessment and cleanup.

Areas of Expertise

Due Diligence Phase I and Phase II Environmental Site Assessments.

AECOM performs due diligence/property transfer assessments in accordance with all local and federal regulations. Our services include:

- Phase I & II Environmental Site Assessments/ Investigations
- Environmental Baseline Surveys and Environmental Due Diligence Audits
- Asbestos and Lead Assessments
- Indoor Air Quality Measurements



Property Condition Assessments

A detailed assessment of the physical conditions of properties can be a risk management and loss prevention tool. Insurers are concerned with environmental liabilities, as well as the costs of repairing or replacing building components. The condition of less visible, and sometimes neglected, mechanical, electrical, and plumbing systems can also have a significant impact on the property's value. AECOM has a wealth of experience and can provide the engineering support to help address property deficiencies identified. In addition, AECOM provides construction monitoring or management of additions/renovations of existing structures and new construction.

Energy and Sustainability Services

AECOM is often engaged by clients to creatively solve sustainability and energy challenges. We initially focus on demand minimization, followed by studies to increase efficiencies, and then recommending sustainability strategies. Sustainability generally refers to the "ability to meet the needs of the present without compromising the ability of future generations to meet their own needs". Our sustainability and energy-related services include:

- Investment-grade energy audits
- Renewable energy services for wind, solar, biomass/fuel, geothermal, waste to energy, and landfill gas
- Greenhouse gas inventories
- Waste minimization
- Energy and Water efficiency and security studies
- Sustainable building design and operation

Industrial Hygiene and Safety Services

We offer a full service industrial hygiene and safety program to help building owners and facility operators deal with biological risk and indoor air quality concerns. Our staff of certified industrial hygienists (CIH), environmental professionals, architects, engineers, planners, and construction management personnel help facility operators in all phases of a project. Our experience ranges from supporting corporate establishment of health & safety programs to process safety management services at complex refinery and petro-chemical facilities.

Civil Engineering/Site Selection

AECOM provides full-service land development, utilities infrastructure, watershed/floodplain, and advanced GIS services. These engineering services are provided for facility and land development projects for both private and public clients throughout the US. Our services include:

- Master Planning studies
- Site Development
- Site infrastructure
- Stormwater Collection
- Erosion Control
- NPDES compliance/permitting
- LEED Design
- Energy Management

Property Remediation and Remedial Liability Assessments and Costing

AECOM offers a comprehensive "toolbox" of proven and innovative technologies to reduce costs and accelerate remediation projects. Our engineers have successfully designed, constructed, and operated systems based upon the most effect technology available. AECOM is particularly experienced in the critical aspect of remedial liability assessments or financial liability estimates. These assessments are especially useful for our client's strategic planning, insurance and SEC disclosure and due diligence. The evaluations often include the following:

- **Order-of-Magnitude Cost Estimates.** Based on typical environmental releases, with major key assumptions stated. The estimates are given as ranges, with an applied engineering grade uncertainty percentage.
- **Remediation Cost Estimates.** Better estimates of remedial costs with key assumptions applied using a conservative approach with known technologies. Does not account for possible cost reductions by performance of feasibility studies or pilot scale studies.
- **Uncertainty Analysis.** Statistical evaluation of potential liabilities and likely probabilities using software. Used as a risk management tool rather than a firm negotiating term.
- **Environmental Compliance Liability Cost Estimates.** Estimates related solely to costs expended to achieve compliance with existing regulations, in contrast to liabilities associated with contamination.